KWIKNOTES

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HANDWRITTEN NOTES

—

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Tooltip, Popover, Do pluginns from Yahoo Baba
vd = 45.

BOOTSTRAP

Popular among frameworks, for mobile friendly sites, free, opensource

Made with Saas variables
Uses grid System

Allow to use JS comps. like slider

Setup

1) Through CDN (Content Delivery N/w)
   1 CSS link & 4 js script
2) Installation

<meta name = "viewport" content = "width = device-width, intial - scale =1" >

To use with React
   on google type npm on first line
click search bootstrap

& In react project npm install
   bootstrap.

btn btn-success — green button

Now in App.js
import "../nodemodules/bootstrap/dist/css/bootstrap.min.css";

& start using utility class in className

Container   <div class = "container">
Makes text centerized.

1) Borders   to change   border style &
         radius , remove   allborder or some

border — 0   no border
border — top — 0   remove top border
border — bottom — 0   bottom
border — left — 0   left
border — right — 0   Right
rounded   add rounded border
rounded — top
rounded — left
rounded — right
rounded — bottom
rounded — circle   100%
rounded — 0

2) Clearfix - when we assign parent element to float left, child will also float to left So, clearfix is used to clear floats by adding .clearfix to parent ele.

className = " clearfix " ⇒ to remove floating properties. of prev elements.

3) Default Colors By Boot Strap Utility Class.

text - muted - light gray
text - primary - light blue
text - success - light green
text - info - more light blue
text - warning - yellow
text - danger - red

bg - muted - gray bg   Tall

or in case of button
btn - primary

" btn btn-primary " - blue button with btn properties with hover

Display – how element is arranged in DOM

d-block   block display
d-inline   inline display
d-inline-block   pehle inline fill krega when
line ends moves to next line.

Bootstrap Utilities – Image Replacement

```
<h3 className = "text-hide" style =
   "background-image : url ("user .png),">Heading3
   </h3>
```
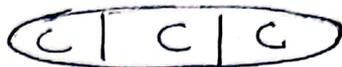
Buttons

```
<button className ="btn btn-primary"
   type ='Submit' value ="Sub Button"></button>
   ⇒ Blue button will show up
```

```
<button type ="button" className =
"btn btn-outline-primary'> Primary </button>
```

(Primary)   No color fill only
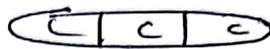   blue outline   button

btn-lg large   btn-sm small
    button   button

btn-group-lg | c | c | c | large
btn-group | c | c | c | normal
btn-group-sm | c|c|c|c | small
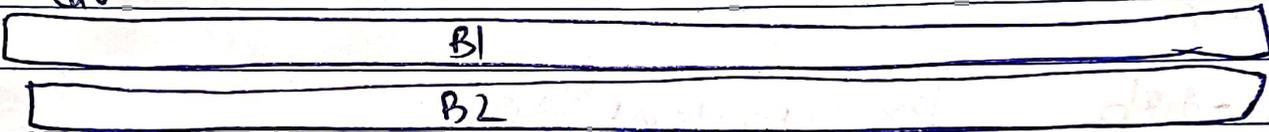
```
<button type="button" className="btn
btn-lg   btn-info" disabled> Button
</button>
```

```
<div className="d-grid gap-2">
    <button class="btn-info">B1</button>
    <button className="btn-info">B2</button>
</div>
```

| B1 |
| B2 |

d-flex
[B1]   [2]

d-md - block
mx-auto - Center horizontal
justify-content-md-end → end me align

Grouping Buttons
```
<div class="btn-group 'role='group'
aria-label ='Basic ex'>
    <button> ----    1
    <button> ----    2
</div>
```
Checkbox Button
```
<input type='button' className=' btn-check'
checked> Check Button
```

Invisible Content

Set visibility to hidden, & it takes up
required space.
className = 'Invisible'
display: none   don't acquire space

Positioning

fixed - top   fix content to top
fixed - bottom   fix content to left bottom

Sticky - top   element jha bh jb vo upar
touch hoga   to fix hojaga a scroll
krne pr upar apni jagah pr vapis aajaega

Responsiveness

important! is included to avoid specificity
issues.
These use same viewport width breakpoints
as grid system.

float - left   , float - right , float - none

sm → for small size devices like phone

lg - large device like laptop

md - 768 pixel or more like tab

xL - like Led TV.
<1200px
XS - extra small, phone

float-sm-left   float-md-left
   float-lg-left   float-xL-left

Screen Reader
for reading devices.

Sr-only   - only visible in DOM

sr-only-focusable - visible on tab click   X

Sizing

width   ⇒   W-{value in percent y

height   ⇒   h-{value in percent

W-25   25% width   { mh-100 → max height 100

limitations

⊗ we can only give 25, 50, 75, 100

⊗ Can't give in pixel, only percent

auto - take parent width

```
<div className = 'outer'>
    <div className = 'h-25'> </div>
</div>
.outer {
    height :100px;
}
```
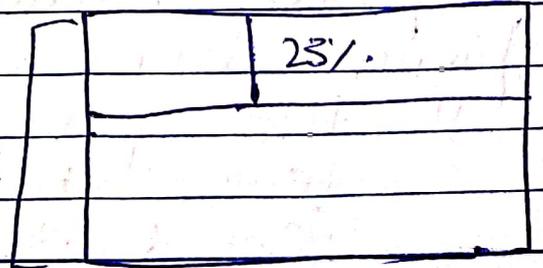

Vh-100 → viewport 100

Vw-100 → full width.

padding: top Right Bottom Left

Spacing
⇒ to reduce use of media query

Property ⇒ Margin
Side ⇒ top, bottom, left, Right
Size ⇒ value
Breakpoint ⇒ sm, md, lg -xl

m	margin	padding	right	Left
top		bottom		

x   left & right.
y   top & bottom
blank used for classes that set a margin
or padding on all 4 sides of ele
ex — m - 40, 40 margin all sides.

✗ But for this we need to give css
.m-1 &
margin : 1px; y   so m-1 Can be used

Spinner
Spinner - border ⑤ always moving
spinner - border text-muted — gray
  "   text - primary   blue
      text - info -   light blue.
      text-dark
      text - light , danger , warning

text - success - green ⊙ green

Spinner - grow ⊚

Spinner - grow text - danger ⊚ → Red growing

Tooltip - used for desc when we hover on
icon & <a>

SYNTAX
data - toggle = "tooltip" title = "I am tooltip"

We need to explicitly define tooltip in js scrip
$document . ready (function () {
   $('[data-toggle = "tool-tip"]') .tooltip(),
});

⇒ not working see yt.

Date Time Picker

```
<input type='date' name="date">
```
html   [mm | dd | y | yyy⊡]

Yahoo Baba

Container
Classname = 'container'
| Text |
     1140 px

| Container - fluid   100% area |
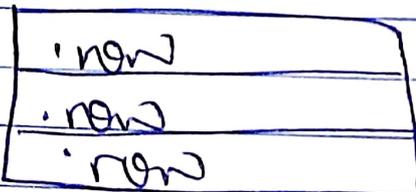
[. row]
[. row]   Container   inci margin
[. row]   . row should   15 px hoti h automatically
                    be used
          within . container only.

. col   ⇒ to divide vertically in equal with .
```
<div className='col'>
    <div className='row'>
        <div className='col'> 1 </div>
        <div className='col'> 2 </div>
    </div>    <div className='row'> hello </div>
</div>
```

```
┌─────┐  ┌─────┐
│  1  │  │  2  │
└─────┘  └─────┘
┌───────────────┐
│    hello      │
└───────────────┘
```

jese hi overflow hoga
flex direction apne aap
column hojaegi & width will chang acc.

ex ⎡ <div className = " N-100"> </div>
   ⎣→ similar to

If i want particular column in each Row
ex-2
<div className = 'row row-cols-2'> - - - - </div>

Extralarge	col-xL	xL
large	col-lg	lg
Small	col-sm	sm
medium	col-md	md

Grid System

Acc to Bootstrap Grid Sy

```
┌──┬──┬──┬──┬──┬──┬──┬──┬──┬──┬──┬──┐
│  │  │  │  │  │  │  │  │  │  │  │  │
└──┴──┴──┴──┴──┴──┴──┴──┴──┴──┴──┴──┘
```

. col-6
```
┌───────────────────────┐
│                       │
└───────────────────────┘
```

. col-8
```
┌──────────────────────────────┐
│                              │
└──────────────────────────────┘
```

```
<div className ='row>
  <div className = 'col-8'>  8 block </div>
  < div className = ' col - 3' > 3 block < /div>
   <div className = ' col-5' >5 block< </div>
</div>
```
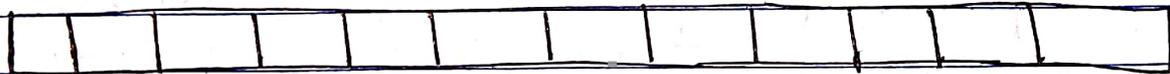
8 block	3 block

5 block	in next line because 8+3+5>12

& 12 grids hi limit h.

col-12 or col	
col-12 or col	
col-9	
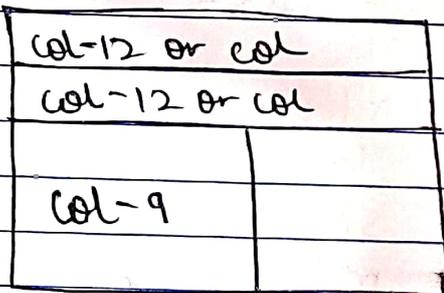
☆ imp

col - md -8

medium large & xL tk 8 bits uose chota

hoke apne aap flex direction column
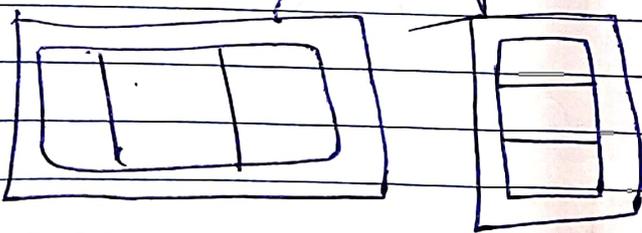
Offset

Offset - subset for col class to give grid block space or not to start from beginning

offset-md-3 → after 3 se shuru.

```
<div className = " col-md-5 offset-lg-1
   offset-md-3"> - - - </div>
```

- col-md-5 → medium screen tk 5 grids ka hoga after that flex column hojaega
- offset-lg-1 → large screen m 1 block ka & xl m b
- offset-md-3 → medium p aate hi 3 ka space after that flex col. hojaega
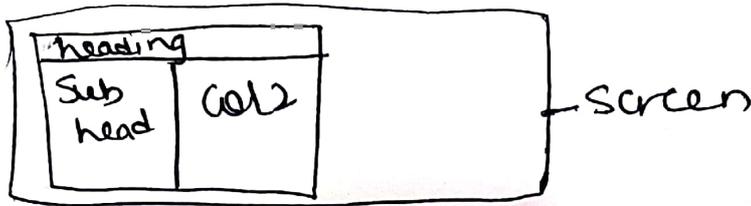
Reordering col class

order-first → on first post
order-last → on last position
Regardless of wherever they are written
ex-order-md-last , order-lg-first
↳ medium tk last me rhega uske bad apni position p.

- screen

Nesting col under col class

```
<div className = "container">
  <div className = "row">
    <div className = "col-md-6">
      <h2> heading </h2>
      <div classname="row">
        <div className = "col-md-6">
          <h3> Sub head </h3>
        </div>
        <div className = "col-md-6">
          <h3> col2 </h3>
        </div>    </div>    </div>  </div>
```

Margins

m-auto	margin auto (m-xl-auto)
ml-auto	margin left auto mtb right:0
mr-auto	margin Right auto
m-lg-auto	large screen tk auto
	uske baad auto margin don't work

Margin	m	
Margin-Right	mr	0~5 each sizes
-Left	ml	available
-Top	mt	
-Bottom	mb	

0	0 px	→ Same for all
1	0.25 rem	
2	0.50 rem	
3	1 rem	
4	1.5 rem	
5	3 rem	

mr-lg-5 — large screen tk 5 margin
from right else 0.

mr-lg-n5 → more towards left
negative may overlap.

Padding
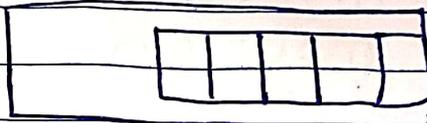
p padding | pl left | pr Right
pt Top | | pb Bottom

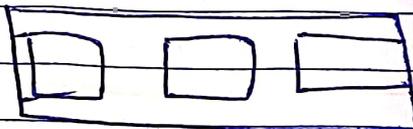p-5 ⟹ 3rem all sides

pl-2 ⟹ 0.50rem from left

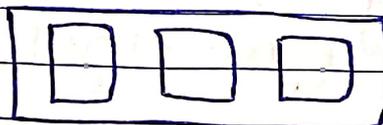pl-md-2 ⟹ medium tk 0.5 rem
padding. cssenidhed

Horizontal Align

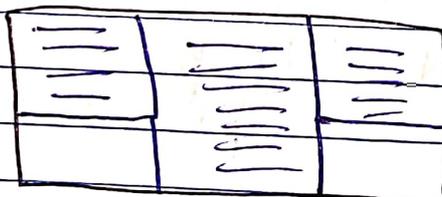justify - content - end

justify - content - center

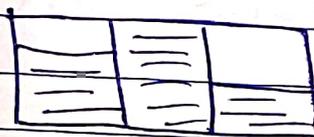justify - content - around

justify - content - md - end => medium tk end
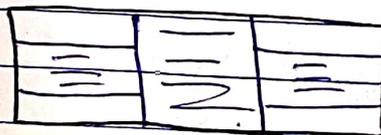me use baad normal left one.

Vertical Align

Align - item - start

align - item - end

Chote islieh
kyki content
kam h.

align - item - center

align-item-strech
↳ default view.

align-item-xl-start, align-item-md-end
we can use them with md, lg, xl

Similary Align Content is used
ex-, align-content-md-aroud
to align data inside row - same property of
align-item

Particular alignment - just for one div

align-self-start, end, center, strecth, auto

```
<div className="row align-item-start">
    <div className="col-md-3
    align-self-center">
    </div>  </div className=" col>/div
```


End

Start

Center
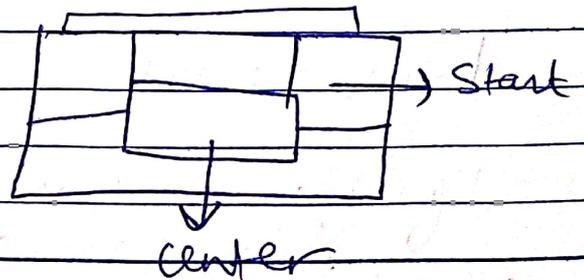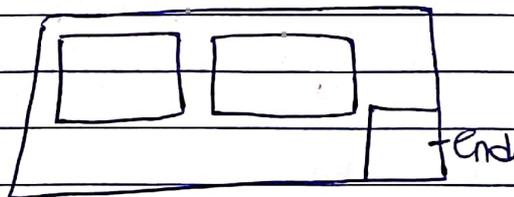
Flex Direction

A B C D — flex - row - reverse — D C B A

A
B } · flex - column
C
D

D
C } flex - column -
B   reverse
A

Display

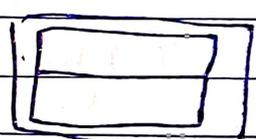d - flex, inline - block

< div className = " d - lg - inline - block " >

large the ↓   baadm

display - d
        d - none, d - flex, d - inline - block,
d - block

d - md - none,   d - xl - flex

If i have two divs   on one, applied
    ↳ < div className = "d - none d - sm - block >
< sm tk block m, xs me gayab.

Print Utilities

d - print - none   not to print this sec

d - print - block d - none   ese nhi ditega
                              bas print hoga

Float

float - right   float - xl - tight, float - none
float - left.   float - sm - left, float - none

Clearfix ⇒ to overcome float problem
used in parentdiv   to avoid bordercenter

Position

position - relative , position - fixed ,
position - static , position - absolute ,

fixed - top , fixed - bottom , sticky - top
                                          ↓
                                jab pas baae
                            tbr stick on top.

Overflow overflow-auto, overflow-hidden

Text Align

text-left, text-right, text-center, text-justify

text-xl-left, text-md-center

Text Transform
text-lower, text-uppercase, text-capitalize

font weight
font-weight-bold, font-weight-bolder
font-weight-light, font-weight-lighter
font-weight-normal

font-italic, text-monospace (font)

Anchor   text-decoration-none

• text-reset ⇒ makes color of anchor tag
same   as   parent div.

text-nowrap →

text-truncate   extra text to ...

text-break   moves text to next line of div

List Style

list-unstyled   => remove bullets

┌ . list-inline on <ul> => all in one line
└> on <li> list-inline -item
┌ display-1 , display-2, display-3, display-4
└> Headings
. lead ≠ para fonts.

Give slim fonts.

Block Quote

<blockquote >
    <p> - - - </p>
    <footer className." blockquote-footer">
        Name </footer>
</blockquote

User Select

user-select-auto   ⇒ nomal select

user-select-all   ⇒ One click p pura div select

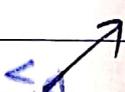user-select-none   ⇒ can't select

List Group

list-group

```
<ul className="list-group">
    <li className="list-group-item"> 1 </li>
    <li className="list-group-item"> 2 </li>
</ul>
```

list1
list2
list3

list1
list2
list3
↑ flush

1
2

$\dfrac{1}{2}$

```
<ul className="list-group list-group-flush">
    <li className="list-group-item"> 1 </li>
    <li> -- 2 </li>
</ul>
```

list - group - item active => Blue bg

list - group - item disabled => Grey font
                    Select Nhi hogi

list - group - item - primary => Blue
              - success => green
              - danger
              - warning
              - info   all used with
              - dark   list group - item

Both classes to add   list - group - item - info

Horizontal Lists

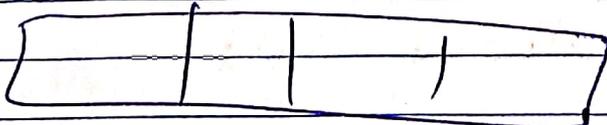| e1 | e2 | e3 | e4 |

we can also give break points like md, lg - sm
after that they will become vertical

<ul className = "list - group list - group - horizontal"
>   <li className = "list - group - item" >

| | | | |

list - group -
horizontal - md
After med, they will
become vertical

⇒ work properly in div

In li use . list - group - item - action

⇒ this makes whole list row highlight when
we hover just like menu

```
<div className = "list-group">
<a href="" a className = "list-group-item
    list-group-item-action> l) </a>
  <a href = "" className = 'list-group-item
    list-group-item-action> | </a>
```

Now when we will hover, it will highlight
⇒ Binary ⇒ can also give colors
④ like primary, info by adding

list - group - item - primary

Table Classes

ClassName = "table"
others
    table - dark , table - striped
    table - borderless , table - borders
    thead - dark , thead - light

Pagination

→ mainly used inside `<nav>` tag, makes tags inline

```
<nav>
    <ul class='pagination'>
    <li className='page-item'>
    <a href='#' className='page-link'>
    </a>         <//li>
    </ul>      </nav>
```

Active
```
<li className='page-item active'>
<a href='#' class='page-link'>1</a></li>
```

Disabled 'pag-item disabled'
Large   pagination - lg
Small   pagination - sm

Breadcrumb Class

[Home/Lib] Class

```
<nav> <ol className='breadcrumb'>
    <li className='breadcrumb-item'>
    <a href='#'> Home   </a></li>
    </ol>
    </nav>
```

Active 'breadcrumbitem active'

Bootstrap : 5   Alpha Version

Introduced for testing purpose
Easy Documentation
Jquery Removed
Still has Jquery plugins, filesize Reduced

New breakpoints   => Extra Extra large
(XXL)   introduced >= 1320 px

Forms   .form-group

```
<div className = 'form-group'>
  <label> Name </label>
  <input type = 'text' className = 'form-control'>
</div>
```

Descriptive text

```
<input type = 'Password' className = 'form-control'>
<small className = 'form-text text-muted'>
    Password must be 8 character
</small>
```

Readonly field
```
<input type='text' value ='abc'
className='form-control-plaintext" readonly/>
```

| Large text | .form-control-lg |
| Small text | .form-control-sm |

| File | form-control-file |
| Range | form-control-range |

Checkbox   .form-check => Div
                  .form-check-label => Option
```
<div className='form-check'>
 <input type='checkbox' className='form-check
 -input'        id ='val1'/>
 <label for='val1' className='for-check-
 label'>Value1 </label>
```

Radio
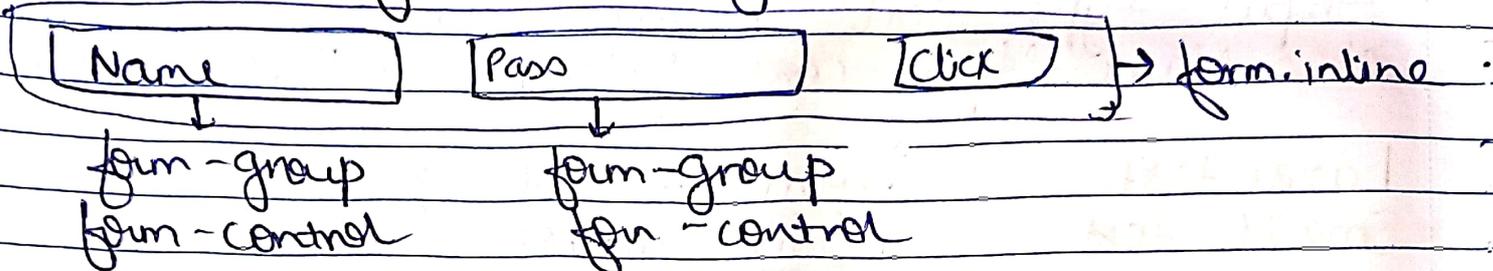```
<div className='form-check'>
 <input type='radio' className='form check-
 input' name='gender' id='male'/>
 <label for='male' className='form-check-
 label'>Male </label>
```

Inline form          .form-inline

| Name | | Pass | | Click | → form.inline :

form-group          form-group
form-control        for-control

each input field under div of form group
< form    action = ' '    className = * form -inline'>
  <div className = 'form -group >
    <input type = 'text' class = 'form -control'
      placeholder = 'User Name' />
  </div>       </form >

.form- row    ⇒  Row with form fields.

∅ Responsive form          using  col

<form className = 'row py-3'>  or form- row
┌  <div className = 'col -md -4'>
│      <input type = 'text' className = 'form -control
│      placeholder = 'Name '>
└  </div >
</form>

No need of form group /inline . Maintain Margin

Inline Checkbox       form - check - inline
        ☐ value
form -             form - check - label
check -
input
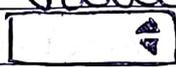    ```
    <div className = 'row'><div className ='col
    py-3">
            <div className = 'form - check  form - check -
            inline'  >
    1         <input    class = 'form-check - input'>
            <label --  >
        </div>
    ```

Same for Radio

Horizontal form

                              className = '
Name ☐
Gender   o M   o f
```
<div className = 'row>
    <div className = 'col'>
        <form>
            <div className = 'form - group row'>
            <label className = ' col - form
            - label'> Name </label>
            <div className = ' col - sm - 7'>
```

This whole for one each input

```
<input type='text' className='form-control'
>
</div>
</div>
```

Form Custom Class

1) `<select name='' className='custom-select'>`
   `<option value='1'> 1 </option>`
   `</select>` [⬥]

2) `<input type='file' class='custom-file-input'`
   `<label className='custom-file-label'>choose</label>`
   (Choose)   [Browse]

3) custom - range   for Range

4) custom - control - input   □ val 1
   custom - control - label   □ val 2
   main div me → custom - Control   custom - checkbox

5)   custom - control   custom - switch
   `<input type='checkbox' class='custom-`
   `control -input'>`
   `<label> -- ~ ~`

```
[$]
<div className='input-group'>
  <div className='input-group-prepend'>
    <span className='input-group-text'>
      $ </span>
  </div>
  <input type='text' className='form-control'>
</div>
```

[example@net]

```
└> <div className='input-group'>
  <input class='form-control'>
  <div className='input-group-append'>
    <span className='input-group-text'>
      @example.net </span>
  </div> </div>
```

[@ $] [.00]

```
<div className='input-group'>
  <div classname='input-group-prepend'>
    <span className='input-group-text'> $
  </span> </div>
  <input class='for-control' type='text'/>
  <div className='input-group-append'>
    <span className='input-group-text'>
      .00 </span>
  </div>
</div>
```
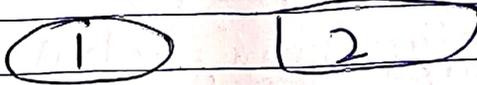
we can directly use <a> under

```
<nav class='nav'>
    <a href='' className='Nalink '>_ </a>
```

Navs

```
<ul className='nav'>
    <li className='nav-item'>
        <a href='' className='nav-links>
            home</a>
    <li>
</ul>
```

nav-pills ⇒ ① ②

nav-fill ⇒ cover full row

navbar-brand ⇒ for logo

Navbar

```
<div className='row'>
<div className='col'>
    <nav className='navbar navbar-expand
    -lg navbar-light bg-light'>
        <a href='' className='navbar-brand'>
        Company Name
        </a>
```

```
<ul className = 'navbar - nav '>
  <li className = 'nav-item'>
    <a className = 'nav-link' href = '' >
    Home </a> </li>
  <li className = 'nav-itemdropdown'>
    <a href = '' className = 'nav-link
    dropdown - toggle' data - toggle =
    'dropdown'>
    About us </a>
    <div className = ' dropdown - menu'>
      <a href = '' className = 'dropdown
      -item'> 1 </a>
      <a href = '' className = 'dropdown
      -item'> 2 </a>
    </div>
  </li>
</ul>  </div
```

Hamburger
make a div with class
collapse navbar - collapse & id = 'mynav'
div must contain navbar   with <nav> or

```
<button className = 'navbar - toggler' data - toggle =
"collapse' data-target = #mynav' >
  <span className = ' navbar - toggler - icon'></span>
</button>
```

expand
-and's

It will show under the screen
we give with navbar - expand - (g/sm/md

Images

.img - fluid	Responsive image
.img - thumbnail	Gives a sleek border with 2px ~~marg~~ padding
rounded	Increase border - radius
rounded - circle	O almost 50% radius
rounded - top	on ~~top~~ top ^
rounded - bottom	⌣
rounded - left	[
rounded - right	] Border Radius from Right
rounded - pill	like capsule

Figure with Caption

```
<div className = 'col -md - 4'>
    <figure className = 'figure'>
        <img src = '' className = 'figure - img
        img - fluid' >
        <figcaption className = 'figure - caption's
            Caption here
        </figcaption>
    </figure>
</div>
```

```
<div className = 'embed - Responsive '>
            • embed - responsive - 21 by 9
            • embed - responsive - 16 by 9
            • embed-responsive-4 by 3
            • embed - responsive - 1 by 1
   <iframe = class = 'embed - responsive - item'
        src = ' ' >
```

Border
.border → gives thin gray border
.border-left , .border - right ,
border - top , border bottom

No Border
border - 0 , border - top-0 , border - right - 0
border - bottom - 0 , border - left - 0

Border color Classes
border - primary , border - secondary ,
border - danger , border - warning
border - white , etc.

Shadow	Shadow	
shadow - sm	thin	Shadow - none
shadow - lg	thick	for no shadow

Card
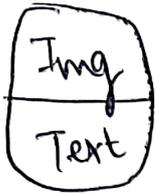
```
<div className='card'>
    <img src='' className='card-img-top'
    alt=''>
        <div className='card-body'>
            <h4 className='card-title'> text </h4>
            <p className='card-text'> lorem </p>
            <button className='btn'> show </button>
        </div>
    </div>
</div>
```

card-img-bottom ⇒ Text upar img niche

∅ card-img-overlay ⇒ makes image as bg and text on image

```
< h3 className='card-subtitle
    text-muted'> ___ </h3>
```
↳ Makes gray text

Class-header   ⇒ header

class-footer   ⇒ footer

Img	text

card then row then col-md 4 with img & col-md-8 with text.

Card Group   card-group   which contain
<div> with class cards

Card Deck , card-deck
gives equal padding
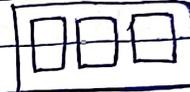
\# Card-Columns   Mesonry layout
like Pintrest.

Media Object Class   .media
used for comment   media-body
img>

```
<div className='media'>
  <img src=' className='align-self-center'>
    <div className='media-body'>
      <h1> ___ </h> <p>--- </p>
    </div>
</div>
```
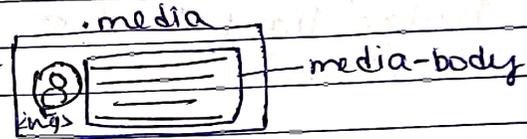
For showing Reply pass full code after
<p> tag , it will be shown as a child

Can be used under ul, li also

3 - top'

</h4>
a</p>
</button>

niche

as

Badges

Notification ①

Example `New` → Blue

```
<h1> Example <span className = 'badge
badge -primary'> New </span> </h1>
```

```
<h2> Example <span className = 'badge
badge -pill badge - sucess'> New </span>
</h2>
```
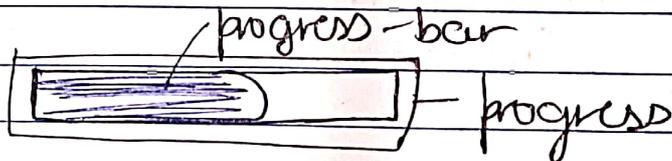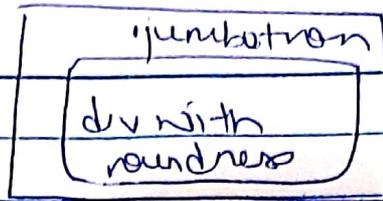
Example (New) → Green, pill shape.

```
<button className = 'btn btn - primary'>
Notification <span className = 'badge
badge light'> 5 </span>
</button>
```

Notification ⑤

```
<a href='' className ='badge badge -info'>
Read </a>
```

Progress Bar

progress -bar

 — progress

Jumbotron

```
'jumbotron
  div with
  roundness
```

.jumbotron-
fluid ⇒ full
width

```html
<div className='jumbotron'>
  <h1> - - </h1>
  <p> - - </p>    < hr/ >
  <p> - - </p>
  <button> See more </button>
```

By defaut bg-color is gray & border rounded

With image as bg
Give id to div & in css file
#idname {
    background: url(' ') norepeat;
    background-size : cover;

Alerts

```
<div className='alert alert-primary'>
  text - - - <button className='close'
  <span>&times; </span>
</b
```

```html
<div className='alert alert-primary'>
  text <button className='close' data-dismiss=
  'alert'><span>&times; </span>
  </button>
</div>
```