

BOOTSTRAP LEARN FIRST:

For responsive web design
Framework of css and js

We need to connect this framework in our HTML page:

Method-1:

Download and Add package:
Add CSS & JS folder into our project folder
then connect bootstrap.min.css from css folder
Connect bootstrap.min.js from js folder

Method-2:

Add cdn links of css and js
Js - has bundle and separate links:

- Bundle has both popper and bootstrap's js file
- Separate has separate link for both

CSS file connect inside head tag
JS file connect inside body tag on bottom

Then:

Layouts in bootstrap:

- Container class layout-- div class="container"
It keeps a max-width for every screen sizes. Automatically adjust with every screen
It keeps a margin from right and left
- Container-fluid class layout-- div class="container-fluid"
It taken width 100 percentage with every screen

Grid system of bootstrap:

- Containers
- Rows
- Columns

Our screen is diving into rows and columns

1	2	3	4	5	6	7	8	9	10	11	12
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1 Rows and it has 12 columns in it

We write:

.container

.row

.col*12

We can divide columns by equal numbers and unequal numbers:

Equal divisions:

1+1+1+1+1+1+1+1+1+1+1+1+1

2+2+2+2+2+2

3+3+3+3

4+4+4

6+6

Unequal divisions:

3+2+1+6

1+3+8

Etc etc..

Col-3 (plain col defines mobile device width)

Breakpoints concept in bootstrap:

Breakpoints are the division point of each device size:

Below 576px size is xs-- mobile devices

Above 576px -- sm -- small -- tab

Above 768px -- md--medium--laptop

Above 992px -- lg --large-- desktop system

Above 1200px -- xl -- extra large -- large desktops

Above 1400px -- xxl -- large tv

Xs, sm, md, lg, xl, xxl

