

1. Bootstrap

→ A template of CSS (a toolkit) (a framework)

→ Bootstrap is a powerful, feature-packed frontend toolkit. You can build anything - from prototype to production - in minutes.

→ pre-built components: buttons, forms, navbar, card, etc.

→ Insert Bootstrap

- From "Bootstrap.com" website copy CDN (content delivery network) CSS link and paste it as "link" element (give "rel" = "stylesheet") in "head" element

Last linked CSS file will override, above CSS files in "head" element.

- To include "JS" link, add "script" tag just before end tag of "body" and write "src = 'link paste here'" at open tag of "script".

→ Now, write a simple `<button>click me</button>` and give this a class name which is defined in bootstrap.com and automatically style of this button will change as per class name.

2. Layout & Components

* Container Layout

- On Bootstrap website, there is a Table which has different class name with different width of viewports which are pre-defined in style-sheets.
- As per requirement, change class name and select the responsive layout.

* Button Component

- copy ~~code~~ code line from website as per requirement

e.g. red button

```
<button type="button" class="btn btn-danger">  
click me  
</button>
```

* Badge Component

- Badge is a box attached to an icon or text in which "new", "20", etc written.

e.g. Admission 2023-2024 NEW ← badge
2023 ← badge

```
<h3>heading<span class="badge bg-secondary">new</span></h3>
```

* Alert Component

- Like a popup, when you submit a form without anything typing text (empty).

* Button Group

- Groups of button without margins

e.g.

left	center	right
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* Nav Bar

- A pre-defined nav bar, with responsive layout
- To fix ~~fix~~ Nav bar at top ^(add) write "fixed-top" in "class" property.
- "sticky-top" for text above Nav bar

* Cards

- Different types of styles for cards.

* Grid

- In Bootstrap grid, 1 row has 12 columns as default.
- For responsive grid, use grid options.

* Forms

- Form Controls
- Select
- checkbox & Radio
- Layout