

Roll No - SYCS - 352

PRACTICAL NO - 5

Aim :- Write a program to demonstrate bootstrap grid.

theory :- Bootstrap 4 grid System

Bootstrap's grid system is built with Flexbox and allows up to 12 columns across the page.

If you do not want to use all 12 columns individually you can group the columns together to create wider columns.

The grid system is responsive, and the columns will re-arrange automatically depending on the screen size.

Make sure that the sum adds up to 12 or fewer (it is not required that you use all 12 available columns).

Grid classes

The Bootstrap 4 grid system has five classes

- .col - (extra small device - screen width less than 576px)
- .col-sm - (small device - screen width equal to or greater than 576px)
- .col-md - (medium devices - screen width equal to or greater than 768px)
- .col-lg - (large device - screen width equal to or greater than 992px)
- .col-xl - (xlarge device - screen width equal to or greater than 1200px)

Basic structure of a bootstrap grid

<!-- Control the column width, and how they should appear on different device -->

```
<div class="row">
  <div class="col-1"></div>
  <div class="col-1"></div>
</div>
```

```
<div class="row">
  <div class="col-1"></div>
  <div class="col-1"></div>
  <div class="col-1"></div>
</div>
```

<!-- or let Bootstrap automatically handle the layout -->

```
<div class="row">
  <div class="col"></div>
  <div class="col"></div>
  <div class="col"></div>
</div>
```