# Bootstrap interview qus:

**Bottstrap:** **Bootstrap** is **a free and open source front end development** most popular CSS Framework for developing responsive and mobile-first websites

**Bootstrap uses and Purpose:** Bootstrap is a potent front-end framework used **to create modern websites and web apps**. It's open-source and free to use, It creates platform independent webpages. It is free and open source framework. It helps you design websites faster and easier. Mobile 1$^{st}$ application. Bootstrap also supports JavaScript extensions. Time-Saving, Easy to Use, Responsive Grid System, Customizable, Cross-Browser Compatibility, **Establish** Consistency, Open-Source, Huge Number of Resources and Community Support,

# 1Bootstrap grid system

Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. Bootstrap's grid system allows up to 12 columns across the page. If you do not want to use all 12 column individually, you can group the columns together to create wider columns Bootstrap's grid system is responsive, and the columns will re-arrange depending on the screen size: On a big screen it might look better with the content organized in three columns, but on a small screen it would be better if the content items were stacked on top of each other. Containers provide a means to center and horizontally pad your site's contents. Use .container for a responsive pixel width or .container-fluid for width: 100% across all viewport and device sizes. In a grid layout, content must be placed within columns and only columns may be immediate children of rows. Column classes indicate the number of columns you'd like to use out of the possible 12 per row. So, if you want three equal-width columns across, you can use .col-4. Column widths are set in percentages, so they're always fluid and sized relative to their parent element. Columns have horizontal padding to create the gutters between individual columns, To make the grid responsive, there are five grid breakpoints, one for each responsive breakpoint: all breakpoints (extra small), small, medium, large, and extra large.

## 2 Advantages of Bootstrap

- Cross browser bugs. Great grid system.  A consistent framework that supports major of all browsers and CSS compatibility fixes.

- Lightweight and customizable. Responsive structures and styles. Several JavaScript plugins using the jQuery. Good documentation and community support.
- Loads of free and professional templates, WordPress themes and plugins

## 4 Default class in bootstrap:

**1 Fixed Container:** `.container` class to create a responsive, fixed-width container.

**2 Fluid Container:** `.container-fluid` class to create a full width container, that will always span the entire width of the screen (`width` is always `100%`)

**3 Container Padding:** By default, containers have 15px left and right padding, with no top or bottom padding. Therefore, we often use **spacing utilities**, such as extra padding and margins to make them look even better.

**4 Column**: column `width`s are set in percentages, so they're always fluid and sized relative to their parent element. Columns have horizontal `padding` to create the gutters between individual columns, however, you can remove the `margin` from rows and `padding` from columns with `.no-gutters` on the `.row`.

**5 row:** Rows are wrappers for columns. Each column has horizontal `padding` for controlling the space between them. This `padding` is then counteracted on the rows with negative margins. This way, all the content in your columns is visually aligned down the left side. `.active` `.alert-danger` `.alert` `.alert-dark` `.align-bottom` `.align-content-start` `.bg-danger` `.bg-info` `.buttons image`

## 5 screen resolution or media Qurey

1) **320px-480px :Mobile devices**
2) **480px-768px: ipads, tablets**
3) **769px-1024px: Desktop, large screens.**
4) **1201px-1400px:extra-large screens, TV**

## 6The Disadvantages of Bootstrap are: Lack of Networking

1. **Personal Risk** 2 Styles are verbose and can lead to lots of output in HTML which is not needed.

2. JavaScript is tied to jQuery and is one of the commonest library which thus leaves most of the plugins unused. Non-compliant HTML.