Bootstrap

Q=1 What are the advantages of Bootstrap?

Ans:-

-> Bootstrap takes care of this by offering a responsive design that automatically adjusts to fit different screen sizes.

-> Bootstrap simplifies the often cumbersome task of resizing images and elements. This automation spares developers the trouble of handling these aspects manually, letting Bootstrap handle it effortlessly.

->One of the most notable advantages of Bootstrap is its inclusion of major components. Essentials like dropdown menus, navigation bars, forms, and progress bars are pre-designed and ready for use.

Q=2 What is a Bootstrap Container, and how does it work?

-> Containers are a fundamental building block of Bootstrap that contain, pad, and align your content within a given device or viewport.

-> Containers are the most basic layout element in Bootstrap and are **required when using our default grid system**.

**->** Bootstrap comes with three different containers:

(1).container, which sets a max-width at each responsive breakpoint

(2).container-fluid, which is width: 100% at all breakpoints

(3).container-{breakpoint}, which is width: 100% until the specified breakpoint.

Bootstrap use 12 point grid system which is responsive too, to use it we can .row and .col classes.

.rows class are used to make rows while .col class create necessary columns.

Since we have devided whole row in 12 columns we can use different columns sizes too,

for that we can use col-3, col-6 like classes. If we don't provide any number beside col class then it will automatically applied on mobile phone.

Bootstrap follows mobile first approach, due to which we don't to explicitlt specify style for extra small devices, our default default style will be applied to it.

To use make things responsive bootstrap gave us some classe, which includes,

xs (for phones - screens less than 768px wide)

sm (for tablets - screens equal to or greater than 768px wide)

md (for small laptops - screens equal to or greater than 992px wide)

lg (for laptops and desktops - screens equal to or greater than 1200px wide)

Note: Example for this file is in layout.html