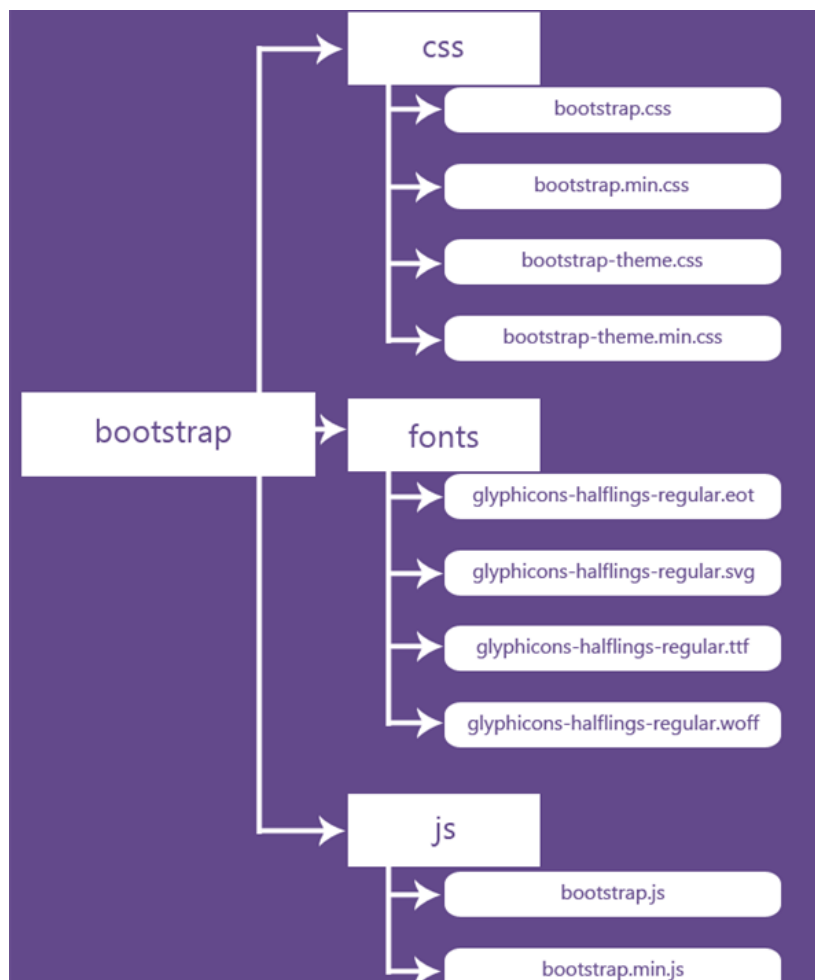# Bootstrap 4

- Bootstrap is a free front-end framework for faster and easier web development

- **Easy to use:** Anybody with just basic knowledge of HTML and CSS can start using Bootstrap
- **Responsive features:** Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- **Mobile-first approach:** In Bootstrap 4, mobile-first styles are part of the core framework
- **Browser compatibility:** Bootstrap is compatible with all modern browsers (Chrome, Firefox, Internet Explorer, Edge, Safari, and Opera)

Structure of Bootstrap

Classes of Bootstrap 4

.container : provides a responsive fixed width container
.container-fluid : provides a full-width container
Bootstrap 4 grid : It is devided in total 12 columns.

.col : is used to define grid.

.table : it is used to add basic table styling

.alert : used for alerts

.bg-primary,.bg-success,.bg-info,.bg-warning,.bg-danger,.bg-light,.bg-secondary,.bg-dark etc used to set background color.

.text-muted, .text-primary, .text-success, .text-info, .text-warning, .text-danger, .text-secondary, .text-white, .text-dark etc used to set text color.

.rounded,.rounded-circle,.img-thumbnail etc used to set style of images.

.border is used to set border.

.m-size is used to set margin, works for size 0-5.

.p-aize is used to set padding, works for size 0-5.

.h-size is used to set height in percentage.

.w-size is used to set width in percentage.

.card,.dropdown,.navbar,.nav and many more classes are there also.