1. Name five different Bootstrap components and describe how they work.
2. What are the available options for incorporating Bootstrap into a project (CDN, npm, etc.)? Why might you use an npm install over a CDN?

Five different Bootstrap components

1. Navbar
   1. The navbar uses multiple classes in Bootstrap to show navigation on a page. It creates a container that allows for a label, links, dropdown links, and a logo or image. It can also include a search area that would require JavaScript to be fully functional.
2. Alerts
   1. Alerts use a rounded area with text that stands out to alert users of something important. This works with JavaScript to show the alert then a user can close the alert once they have seen it.
3. Dropdowns
   1. Dropdowns are used in the navbar to display additional navigation links. They can also be used in other places to display information that doesn’t need to be shown immediately. It can be used to display a choice field in a form.
4. Modal
   1. Modals are interactive popup windows that show information and allow a user to interact with the content. They can have headers, footers, and images. They also contain close buttons. These also use JavaScript to have full functionality.
5. Buttons
   1. Buttons are call to action elements that show that an action should be taken. They are styled in a rectangular shape with rounded corners. You can link to a new page or make the button show a popup as well. The buttons use JavaScript to fully function.

Bootstrap can be incorporated into a project through various methods, each with its own reasons why they are used. The CDN is a content delivery network and it links to Bootstrap’s files on a remote server. This method is quick and only uses a few lines of code in a HTML file. It is quick to set up and reduces the load time and hosting burden on a server. Because of this, it depends on external servers, so if the server that is hosting Bootstrap goes down, the website will not display correctly.

NPM is node package manager and it can be installed as a dependency within a project directory. You have control over which version control so you can upgrade if needed. It also integrates with build tools and you can develop offline. NPM does require more set up and it can increase the size of the project.