ASSIGNMENT-1

1. What is clear fix class in bootstrap? Why do we use it?

➢ In Bootstrap, the clear fix class is used to clear floated elements within a container. Floating elements are often used for layout purposes, such as floating images or divs to the left or right of their parent container. When you float elements inside a container, it can sometimes cause issues with the parent container's height, making it not expand to encompass the floated elements. This can result in layout problems and content overflowing or not aligning properly.

➢ The clear fix class is a utility class in Bootstrap that helps resolve this issue by clearing the floated elements and ensuring that the container wraps around its floated child elements correctly.

➢ Here's an example of how to use the clear fix class in Bootstrap:
```
<div class="container">
<div class="float-left">Float Left Content</div>
<div class="float-right">Float Right Content</div>
<div class="clearfix"></div>
</div>
```

➢ In this example, we have two elements floating left and right within a container. To ensure that the container properly wraps around these floated elements and expands to contain them, we add an empty <div> with the clear fix class. This empty clear fix <div> effectively clears the floated elements and allows the container to behave as expected.

The clear fix class is a handy tool for handling floated elements and is particularly useful when you want to create multi-column layouts or align content within a container. It ensures that the container expands to accommodate the floated content and prevents layout issues.