ASSIGNMENT-6

6. What is spinner? How to create spinner using Bootstrap?

A spinner is a loading indicator that shows the loading state of a project. Bootstrap uses the .spinner class to create a spinner.

To create a spinner using Bootstrap, you can follow these steps:

- ➢ Include the Bootstrap CSS and JavaScript files.
- ➢ Create the spinner element.
- ➢ Hide the spinner by default.
- ➢ Show the spinner when data is being loaded.
- ➢ Hide the spinner when data has been loaded.

To use the spinners, you can:

- ➢ Use a div element.
- ➢ Declare the bootstrap classes called spinner-border and spinner-grow inside the div section.
- ➢ Use the spinner-border class for rotating spinners and the spinner-grow class for growing spinners.

CODE:

```html
<html>
  <head>
    <title>Spinner</title>
    <link rel="stylesheet" href=
"https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
</head>
  <body>
    <h2 class="bg-info p-4">
     SPINNER
    </h2>
        <p>LOADING....</p>
    <div class="spinner-border text-danger"
        id="spinner" role="status">
        <span class="sr-only">Loading...</span>
    </div>
    <p>LOADING....</p>
```

```html
    <div class="spinner-border text-SUCCESS"
        id="spinner" role="status">
        <span class="sr-only">Loading...</span>
    </div>
    <p>LOADING....</p>
    <div class="spinner-border text-secondary"
        id="spinner" role="status">
        <span class="sr-only">Loading...</span>
    </div>
    <p>LOADING....</p>
    <div class="spinner-border text-dark"
        id="spinner" role="status">
        <span class="sr-only">Loading...</span>
    </div>
    <p>LOADING....</p>
    <div class="spinner-border text-info"
        id="spinner" role="status">
        <span class="sr-only">Loading...</span>
    </div>
    <div id="data"></div>
</body>
  </html>
```