**Week 6:**

**React:**

1) Create a new React Application with the name “myfirstreact”, Run the application to print “welcome to the first session of React” as heading of that page.

**Output:**

A white screen with a black border

AI-generated content may be incorrect.

2) Create a react app for Student Management Portal named StudentApp and create a component named Home which will display the Message “Welcome to the Home page of Student Management Portal”. Create another component named About and display the Message “Welcome to the About page of the Student Management Portal”. Create a third component named Contact and display the Message “Welcome to the Contact page of the Student Management Portal”. Call all the three components

**Output:**

A white screen with a black border

AI-generated content may be incorrect.

3) Create a react app for Student Management Portal named scorecalculatorapp and create a function component named “CalculateScore” which will accept Name, School, Total and goal in order to calculate the average score of a student and display the same.

**Output:**

**A screen shot of a computer

AI-generated content may be incorrect.**

4)create React application, a Post class is defined to model individual blog posts with id, title, and body properties, and it is exported as the default module. A class component Posts then uses this Post class to create multiple post objects, stores them in the component's state, and dynamically renders them using the map() function within the render() method. Explain how object-oriented programming is applied here, how React state and props are utilized to display content, and why super(props) and unique key values are important in this implementation.

**Output:**

**A white rectangular object with a black border

AI-generated content may be incorrect.**

5) My Academy team at Cognizant want to create a dashboard containing the details of ongoing and completed cohorts. A react application is created which displays the detail of the cohorts using react component. You are assigned the task of styling these react components.

**Output:**

**A screenshot of a computer

AI-generated content may be incorrect.**