4. Demonstrate Model View Controller(MVC) architecture in JavaScript. Use AngularJs framework to explain those. (7 marks)

ANSWER:

In the MVC pattern, the different aspects of the application are broken into components to separate responsibilities.

The Model contains the data and logic, the View contains the visual layout and presentation, while the Controller connects the two.

The model is only aware of itself. Generally, the view is aware of the model, as it's responsible for rendering data contained in the model and invoking actions (methods) on the model.
The job of the controller is to create and populate the model and hand it over to the view.
The controller needs to know about the model, and how to resolve the view and provide it the model.

In AngularJS the MVC pattern is implemented in JavaScript and HTML.
The view is defined in HTML, while the model and controller are implemented in JavaScript.
There are several ways that these components can be put together in AngularJS
but the simplest form starts with the view.

To make the View a functioning AngularJS we need to Reference the AngularJS framework and