// Place your answers for questions 1 and 2 here. Be sure to label each answer clearly.

The answers for the Question 1 and Question 2 are as follows:

**Question 1:** The answer to Question 1 are as follows:

1. JavaScript Runtime and interaction with Chrome V8 engine:

**JavaScript Runtime:** JavaScript runtime is an environment which does enable the V8 engine to run and enable a developer to access APIs to build programs. We can think of this environment as a huge container, containing V8 engine enabling it to run, and this environment is the one which helps the Chrome browser(generally any browser) to provide various modules which can be used together, like DOM, various methods, objects, properties, which are made available inside the JavaScript runtime environment.

**Interaction with Chrome’s V8 Engine:** Node.js uses the Google Chrome’s V8 JavaScript engine, coming to the JavaScript engine it is an assembler that is used to interpret the JavaScript code and provide the results. It is used by browsers (client side) and also on the server side. Node.js used Chrome’s V8 JavaScript engine to be used on server side.

Other technologies that use Chrome’s V8 engine on the server side include – Couchbase and MongoDB.

1. Event Driven / Non-blocking:

**Event Driven:** The term Event Driven

**Non-blocking:** The term Non-blocking

1. NPM:

**Question 2:** The answer to Question 2 are as follows:

1. MVC:
2. Advantages: