

1. What is the DOM?

DOM or Document Object Model is a programming interface which allows the programmers to add, update and delete the HTML contents to the webpages.

2. List three methods to manipulate the DOM.

```
document.getElementById('ID of that element');
```

```
document.getElementsByTagName('Tag Name of that element');
```

```
document.getElementsByClassName(' Class Name of that element');
```

3. What is an asynchronous call?

Asynchronous call means to execute the program when it is ready for the execution and it will not wait to execute for any other program or any other function in the order.

4. Briefly explain what the sources tab in Chromes Developers Tools does.

Through Source Tab in Google Chrome >> Developer Tools we can---

- Create, Save and Run the JavaScript Code
- Debug the JavaScript Code
- Edit the CSS
- View Files

5. What is a JavaScript promise?

JavaScript promise works on asynchronous call, written by “then” method in the JavaScript code which means that it will return an event value or an error.

6. What is an API?

API means Application Programming Interface in which two applications can communicate with each other
i.e. One application can send or receive the data to the other application.

7. What is a JavaScript Event?

JavaScript Event means that something happens when the user interacts to the web page for e.g.

Display the pop-up messages when the user click on a button or change the colour of an html element when the user hover the mouse on that item.

8. What is event bubbling?

When an event is fired in JavaScript and by mistake developer forgot to write an event then it will make whole application unstable. Because this fired event will bubble up to its parent events and it may fire other unwanted events. This is also called event propagation.