**Task 2**

**Difference between document and window objects in javascript.**

The document represents the webpage that runs in the browser. When the webpage is loaded, the browser creates a document object model of the page. With the help of a document, one can access all the elements of HTML, to add contents to the webpage etc.

Syntax:

The document can be accessed using the following syntax,

document.property\_name;

The documents have properties that are commonly used. They include:

* Body- it returns the body element.
* Title- it returns the title element of the document.
* Head- it returns the head element of the document.
* doctype- it returns the document’s doctype.
* URL- it returns the complete URL of the document.
* Cookie- it returns the cookie of the current document etc.

The document uses methods as well. The syntax is follows:

document.method\_name;

Some of document methods used are:

* close() - used to close the output stream.
* write() - used to write some content or javascript code in the document.
* createElement() - used to create a HTML element.
* createEvent() - used to create a new events object.
* creatTextNode() - used to create a text node etc.

The window represents a browser window or frame that displays the contents of the webpage. The window object is created, whenever a window appears on the screen to display the contents.

Syntax:

The window object can be accessed using the following syntax:

Window.property\_name;

As like a document object, windows also has properties that are commonly used. They include:

* Length- it represents the number of frames in the current window.
* History- It provides information on the URLs visited in the current window.
* Location: It contains the URL of the current window.
* Name- It contains the name of the referenced window.
* Window- it returns the current window etc.

Like a document object, a window object also uses methods. The syntax as follows:

Window.method\_name;

The commonly used window objects are:

* alert()- it displays the alert box.
* blur()- it is used to remove focus from the current window.
* close()- it is used to close the current window.
* open()- it is used to open a new tab or window.
* focus()- it is used to give focus to an element in the current window etc.

Windows is the very first object that is loaded in the browser. It is the object of the browser whereas a document is the object of window property. Thus these are about the document and window objects in javascript.