# TECHNOLOGY BUCKET

## DESCRIPTION OF HTML:

A) The <! DOCTYPE html> declaration defines this document to be HTML.

B) The < html> tag encloses the complete html file and contains the header i.e. **<head>**.... **</head> tag and the body tag i.e. <body>**.... </body>.

C) The <head> tag contains the header of the file and also contains the <title>... </title> tag and the <style>... </style> tag of css.

D) The <title> tag contains the title of the html file which shows in the header of the browser.

E) The <body> tag contains all the contents of an html document such as headings, paragraphs, images, hyperlinks, tables, lists etc.

F) The <h1> tag in html indicates a heading on a website. Html has six different heading tags – h1, h2, h3, h4, h5, h6.

G) The <div> tag in html defines a division or a section in an html document.

H) The <form> tag is used to create an html form for user input.

I) The <input> tag is used to create interactive controls for web based forms in order to accept data from the user.

J) The <button> tag is used to create a clickable button within html form .

# DESCRIPTION OF CSS:

A) The CSS is used for describing the presentation of a document written in a markup language like html.

B) The background-image property is used for set the image in the background.
Syntax: body {background-image: url ('file name');}

C) In the CSS, a class selector is a name preceded by a full stop (".") and an ID selector is a name preceded by a hash character ("#").

D) ID is used to identify one element and class is used to identify more than one element.

E) Margin and padding are the two most commonly used properties for spacing out elements. Margin is the space outside something and padding is the space inside something.

F) The: hover selector is used to change the style of a button when you move mouse over them.

G) The border radius property defines the radius of the element's corners. This property allows you to add rounded corners to elements.

# DESCRIPTION OF JAVASCRIPT:

A) Alongside HTML and CSS, JAVASCRIPT is one of the core technologies of the World Wide Web.
B) JavaScript enables interactive web pages and is an essential part of web applications.
C) Validating input values of a web form to make sure that they are acceptable before being submitted to the server.
D) Animation of page elements such as fading them in and out resizing and moving them.
E) Interactive content, such as games and videos.
F) Loading new page content without reloading the page.