# ASSIGNMENT: JAVASCRIPT DOM | SUSHANT KUMAR | PH. NO. +91 9914207199 | sgbharat.joint@gmail.com

### **Problem statement:**

With your knowledge gained in DOM, create a webpage with a button that invokes different functions in different events.

#### HTML elements:

- Button with ID → To add events by accessing this from JavaScript.
- with ID → To display the name of the event by accessing this from JavaScript.

## JavaScript:

- Get the instance of the button and store it in a variable using getElementById()method.
- Create three functions that access the tag in HTML and add the content to the element using the .innerHTML() method.
- The content should be different for all three functions:

#### **Solution:**

## **Html Code:**

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>DOM</title>
   <link rel="stylesheet" href="DOM.css">
</head>
<body>
   <div class="container">
       <h4>The button displays different mouse events on it. Try it!</h4>
       <button id="btn">Explore the button
       <script src="DOM.js" type="text/javascript"></script>
   </div>
</body>
</html>
```

# JS Code:

```
//function definition for clicked
function eventfunction() {
    document.getElementById("event").innerHTML = "Button is clicked!";
}
//function definition for mouse over
function eventfunction2() {
    document.getElementById("event").innerHTML = "Mouse over button!";
}
//function definition for mouse out
function eventfunction3() {
    document.getElementById("event").innerHTML = "Mouse out of button!";
}
```

## **CSS Code:**

```
*{
    font-family:Verdana, Geneva, Tahoma, sans-serif;
.container{
    background-color: coral;
    padding: 2em;
    text-align: center;
    margin: auto;
    width: 50%;
#btn{
    background-color:rgb(191, 205, 191);
    border-style: none;
    padding: 1em;
    border-radius: 1em;
    cursor: pointer;
#event{
    background-color: rgb(233, 237, 124);
    padding: 1em;
    height: 2em;
    font-size: 2em;
    font-weight: bold;
```

# Output:

