Level-2

# TASK-1

CALCULATOR

## HTML SOURCE 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>Document</title>

</head>

<body>

    <!doctype html>

<html lang="en">

 <head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Calculator Pro</title>

  <link rel="stylesheet" href="index.css">

 </head>

 <body>

  <div class="container">

   <div class="calculator"> <button id="time-display"><span id="datetime"></span></button> <button id="set-keys">M</button> <button id="set-keys">S</button>

    <div>

     <input type="button" name="display" id="out">

    </div>

    <div class="menu">

     <input type="button" value="" onclick="out.value +=''">

     <input type="button" value="DEL" id="delete" onclick="out.value=''">

     <input type="button" value="AC" id="all-clear" onclick="out.value=''">

     <input type="button" value="ON" onclick="alert('I`M ALREADY ACTIVE')">

    </div>

    <div>

     <input type="button" value="7" id="seven" name="7" onclick="out.value +='7'">

     <input type="button" value="8" id="eight" onclick="out.value +='8'">

     <input type="button" value="9" id="nine" onclick="out.value +='9'">

     <input type="button" value="/" onclick="out.value +='/'">

    </div>

    <div>

     <input type="button" value="4" id="four" onclick="out.value +='4'">

     <input type="button" value="5" id="five" onclick="out.value +='5'">

     <input type="button" value="6" id="six" onclick="out.value +='6'">

     <input type="button" value="+" onclick="out.value +='+'">

    </div>

    <div>

     <input type="button" value="1" id="one" onclick="out.value +='1'">

     <input type="button" value="2" id="two" onclick="out.value +='2'">

     <input type="button" value="3" id="three" onclick="out.value +='3'">

     <input type="button" value="-" onclick="out.value +='-'">

    </div>

    <div>

     <input type="button" value="0" id="zero" onclick="out.value +='0'">

     <input type="button" value="." id="point" onclick="out.value +='.'">

     <input type="button" value="=" id="equal" onclick="out.value=eval(out.value)">

    </div>

    <script>

      // create a function to update the date and time

      function updateDateTime() {

        // create a new Date object

        const now = new Date();

        // get the current date and time as a string

        const currentDateTime = now.toLocaleString();

        // update the textContent property of the span element with the id of datetime

        document.querySelector('#datetime').textContent = currentDateTime;

      }

      // call the updateDateTime function every second

      setInterval(updateDateTime, 1000);

      </script>

      </body>

      </html>

    </body>

    </html>

CSS SOURCE CODE

@charset "UTF-8";

@import url(https://fonts.googleapis.com/css?family=Nunito+Sans:300,400,600,700,800);

\*,

:after,

:before {

  box-sizing: border-box;

  padding: 0;

  margin: 0;

}

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

    font-family: sans-serif;

}

body{

    background-color:rgba(253, 251, 251, 0.316);

}

.container{

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

}

.container .calculator{

    background-color: #C4C4C4;

    border-radius: 15px;

    box-shadow:5px 5px 5px 0px rgba(18, 18, 18, 0.551)

    ,-5px -5px 2px 0px rgba(246, 243, 243, 0.425);

}

.container .calculator input{

    font-size: 30px;

    text-decoration: solid;

    font-weight: 550;

    padding: 10px;

    background-color: white;

    margin: 5px;

    border-radius: 10px;

    border: none;

    text-align: center;

    width: 60px;

    height: 60px;

    box-shadow:5px 5px 9px 0px rgba(116, 100, 100, 0.551)

    ,-5px -5px 1px 0px rgb(250, 248, 248);

}

.container .calculator input:hover{

    scale: 1.04;

}

#out{

   width: 100%;

   height: 41.5px;

   font-size: 34px;

   margin: 0;

   color: black;

   background-color: #645858;

   border-radius: 0;

   border-top-left-radius: 3px;

   border-top-right-radius: 3px;

   box-shadow: none;

   text-align: right;

   padding-right: 23px;

   scale: 1;

}

#delete{

   background-color:red;

}

#all-clear{

   background-color:red;

}

#seven{

   background-color:black;

   color:white;

}

#eight{

   background-color:black;

   color:white;

}

#nine{

   background-color:black;

   color:white;

}

#four{

   background-color:black;

   color:white;

}

#five{

   background-color:black;

   color:white;

}

#six{

   background-color:black;

   color:white;

}

#one{

   background-color:black;

   color:white;

}

#two{

   background-color:black;

   color:white;

}

#three{

   background-color:black;

   color:white;

}

#zero{

    width: 135px;

    background-color:black;

    color:white;

}

#point{

    background-color:black;

    color:white;

}

#equal{

    background-color:#45E9FF;

    color:black;

}

.container .calculator .menu input{

    font-size: 25px;

    font-weight:700;

}

#time-display{

    height: 9vh;

    width: 14vh;

    text-align: center;

    font-size: 12px;

    font-weight: 350;

    padding: 10px;

    margin: 5px;

    border-radius: 10px;

    border: 10;

    color: black;

    background-color: #A5A0A0;

}

#set-keys{

    height: 6vh;

    width: 6vh;

    text-align: center;

    margin: 5px;

    font-size: 12px;

    font-weight: 1000;

    padding: 10px;

    border-radius: 100px;

    border: 50;

    color: blue;

    background-color: gold;

}

JAVA SCRIPT CODE

console.log("Event Fired")

OUTPUT

