



Project 7: Creating a Calculator using HTML, CSS & JS | JavaScript Tutorial In Hindi #65

[Overview](#) [Q&A](#) [Downloads](#) [Announcements](#)

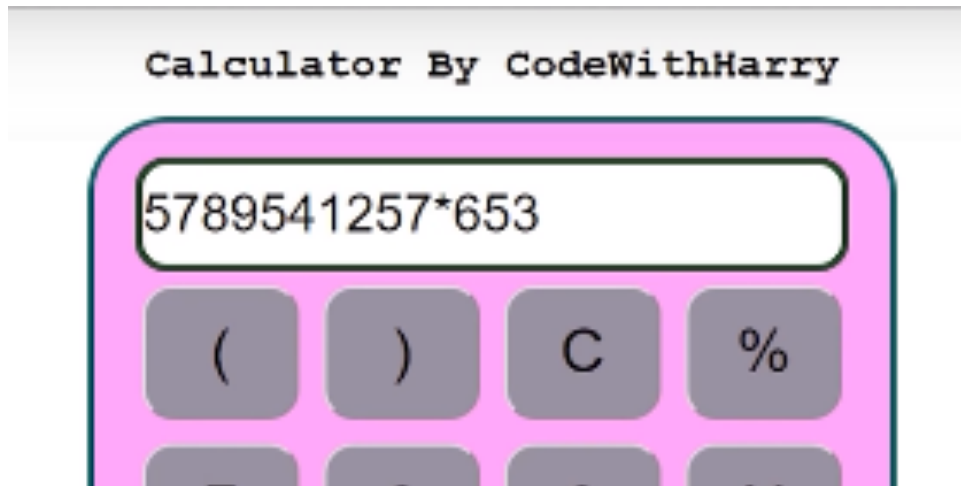
Project 7: Creating a Calculator using HTML, CSS & JS | JavaScript Tutorial In Hindi #65

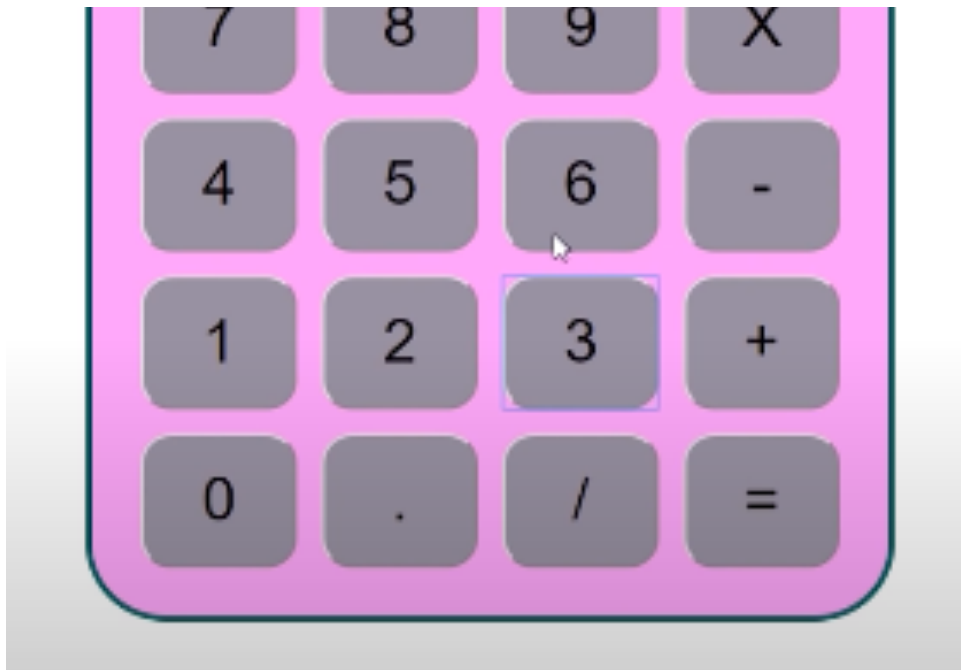
The project we are going to do is to create a ***calculator using HTML, CSS, and JavaScript***. The prerequisites of this project are the basic knowledge of HTML CSS and JavaScript. Here are the project details:

Project Explanation:-

As we know that a calculator is a machine which allows us to do math operations more easily. For **example**, most calculators will add, subtract, multiply, and divide. Some also do square roots, and more complex calculators can help with calculus and draw function graphs. Calculators are found everywhere. You can even build a more advanced level calculator, but we will keep it simple.

The website we are going to build in this tutorial looks like the following:





Setting Up the Project:-

For this project, we will use the VS Code. **Visual Studio Code** is a free and powerful source-code editor that runs on the desktop. If you have not installed the Visual Studio Code yet, then click on the link below for installation guidance:

<https://codewithharry.com/videos/javascript-tutorials-in-hindi-1>

The project setup is really simple. Because we only want to use JavaScript without any frameworks. Start by creating a new project folder in VS Code, and inside that project folder, create three empty new files of *HTML*, *CSS* and *JavaScript*. The *Html file* is the entry point for our website and contains the HTML code. And the *CSS file* designs of the content of the HTML. Whereas the *javascript* add functionality in the calculator.

This project belongs to the *JavaScript* series for beginners. To access the complete playlist, click on the link <https://codewithharry.com/videos/javascript-tutorials-in-hindi-1>

Code index.html as described/written in the video

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<link rel="stylesheet" href="style.css">
<title>Calculator</title>
</head>

<body>
  <div class="container">
    <h1>Calculator By CodeWithHarry</h1>

    <div class="calculator">
      <input type="text" name="screen" id="screen">
      <table>
        <tr>
          <td><button>(</button></td>
          <td><button>)</button></td>
          <td><button>C</button></td>
          <td><button>%</button></td>
        </tr>
        <tr>
          <td><button>7</button></td>
          <td><button>8</button></td>
          <td><button>9</button></td>
          <td><button>X</button></td>
        </tr>
        <tr>
          <td><button>4</button></td>
          <td><button>5</button></td>
          <td><button>6</button></td>
          <td><button>-</button></td>
        </tr>
        <tr>
          <td><button>1</button></td>
          <td><button>2</button></td>
          <td><button>3</button></td>
          <td><button>+</button></td>
        </tr>
        <tr>
          <td><button>0</button></td>
```

```
        <td><button>.</button></td>
        <td><button>/</button></td>
        <td><button>=</button></td>
    </tr>
</table>
</div>
</div>

</body>
<script src="index.js"></script>

</html>
```

Code style.css as described/written in the video

```
.container{
    text-align: center;
    margin-top:23px
}

table{
    margin: auto;
}

input{
    border-radius: 21px;
    border: 5px solid #244624;
    font-size:34px;
    height: 65px;
    width: 456px;
}

button{
    border-radius: 20px;
    font-size: 40px;
    background: #978fa0;
    width: 102px;
    height: 90px;
```

```
    margin: 6px;
  }

  .calculator{
    border: 4px solid #13695d;
    background-color: #ff99f7;
    padding: 23px;
    border-radius: 53px;
    display: inline-block;
  }

  h1{
    font-size: 28px;
    font-family: 'Courier New', Courier, monospace;
  }
```

Code index.js as described/written in the video

```
let screen = document.getElementById('screen');
buttons = document.querySelectorAll('button');
let screenValue = '';
for (item of buttons) {
  item.addEventListener('click', (e) => {
    buttonText = e.target.innerText;
    console.log('Button text is ', buttonText);
    if (buttonText == 'X') {
      buttonText = '*';
      screenValue += buttonText;
      screen.value = screenValue;
    }
    else if (buttonText == 'C') {
      screenValue = '';
      screen.value = screenValue;
    }
    else if (buttonText == '=') {
      screen.value = eval(screenValue);
    }
  });
}
```

[Copy](#)

```
    }  
    else {  
        screenValue += buttonText;  
        screen.value = screenValue;  
    }  
  
    })  
}
```

[Previous](#)[Next](#)**CodeWithHarry**

Copyright © 2022 CodeWithHarry.com

