

Day-5

1. 1.Design a simple calculator to perform operations +,-,*,/ using onclick() event.

HTML and CSS CODE :

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>Colorful Calculator</title>
```

```
  <style>
```

```
    body {
```

```
      background-color: #f0f0f0;
```

```
      font-family: 'Arial', sans-serif;
```

```
      text-align: center;
```

```
      margin: 50px;
```

```
    }
```

```
    h1 {
```

```
    color: #3498db;
}
```

```
input {
    padding: 10px;
    margin: 10px;
    border: 1px solid #3498db;
    border-radius: 5px;
    width: 150px;
    font-size: 16px;
}
```

```
button {
    padding: 10px 20px;
    font-size: 16px;
    background-color: #2ecc71;
    color: #fff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
```

```

    #result {
        margin-top: 20px;
        font-size: 24px;
        color: #2ecc71;
    }
</style>
</head>

<body>

    <h1>Colorful Calculator</h1>

    <input type="number" id="num1" placeholder="Enter a number">
    <input type="number" id="num2" placeholder="Enter another number">

    <br>

    <button onclick="calculate('add')">Add</button>
    <button onclick="calculate('subtract')">Subtract</button>
    <button onclick="calculate('multiply')">Multiply</button>

    <div id="result"></div>

```

```

<script>

function calculate(operation) {

    var num1 = parseFloat(document.getElementById('num1').value);
    var num2 = parseFloat(document.getElementById('num2').value);

    if (isNaN(num1) || isNaN(num2)) {

        document.getElementById('result').innerHTML = 'Please enter
valid numbers';
    } else {

        var result;

        switch (operation) {

            case 'add':

                result = num1 + num2;

                break;

            case 'subtract':

                result = num1 - num2;

                break;

            case 'multiply':

                result = num1 * num2;

                break;

```

```
        case 'divide':
            result = num1 / num2;

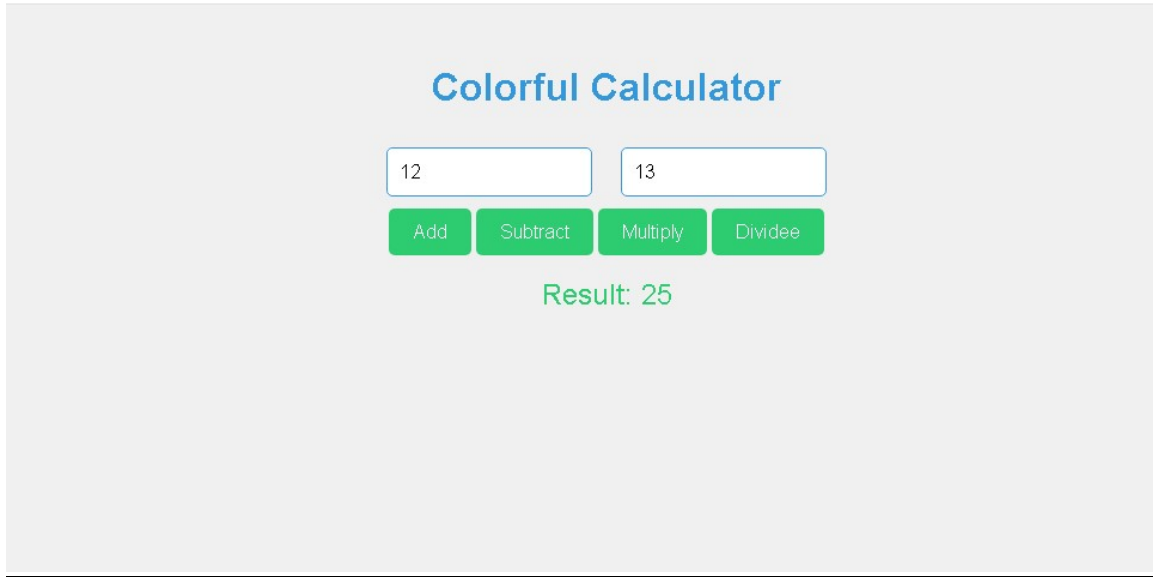
            break;
        default:
            result = 'Invalid operation';
    }

    document.getElementById('result').innerHTML = 'Result: ' +
result;
    }
}
</script>

</body>

</html>
```

OUTPUT :



2 .Design a employee info form and print employee information (Apply proper style attributes)

HTML and CSS code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=
1.0">
  <title>Employee Information Form</title>
  <style>
    body {
```

```
font-family: Arial, sans-serif;
background-color: #f4f4f4;
margin: 0;
padding: 0;
display: flex;
justify-content: center;
align-items: center;
height: 100vh;
}
```

```
form {
  background-color: #fff;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  width: 300px;
}
```

```
label {
  display: block;
  margin-bottom: 8px;
}
```

```
input {
```

```
width: 100%;
padding: 8px;
margin-bottom: 16px;
box-sizing: border-box;
border: 1px solid #ccc;
border-radius: 4px;
}

button {
  background-color: #4caf50;
  color: #fff;
  padding: 10px 15px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}

button:hover {
  background-color: #45a049;
}

.red{
  color: red;
}

</style>
```



```

</head>

<body>

    <form id="employeeForm">
        <label for="firstName">Emp Name <span class="red" >*</span>
</label>
        <input type="text" id="firstName" name="firstName" required>
        <label for="eid">Emp Id <span class="red" >*</span></label>
        <input type="number" name="id" id="eid" required>
        <label for="email">Emp Email <span class="red" >*</span></label>
        <input type="email" id="email" name="email" required>
        <label for="position">Position <span class="red" >*</span></label>
        <input type="text" id="position" name="position" required>

        <button type="button" onclick="submitForm()">Submit</button>
    </form>

    <script>
        function submitForm(){
            let name=document.getElementById("firstName").value;
            let id=document.getElementById("eid").value;
            let email=document.getElementById("email").value;
            let position=document.getElementById("position").value;
            document.writeln(`<h4> Employee Name: ${name}`);

```

```
        document.writeln('<h4> Employee Id: ${id}');  
        document.writeln('<h4> Employee Email: ${email}');  
        document.writeln('<h4> Employee Position: ${position}');  
    }  
</script>  
  
</body>  
</html>
```

OUTPUT

Employee Details

Emp Name *

Kotesh

Emp Id *

101

Emp Email *

kotesh@gmail.com

Position *

Software Developer

Submit

Employee Name: Kotesh

Employee Id: 101

Employee Email: kotesh@gmail.com

Employee Position: Software Developer
