

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Digital Calculator</title>
  <link rel="stylesheet" href="digital-calc.css">
</head>
<body>
  <div class="calculator"><!--Parent container-->
    <input type="text" id="display" readonly>
    <div class="buttons">
      <button class="operator" id="clear">C</button>
      <button class="operator" id="backspace">B</button>
      <button class="operator" id="sqrt">sqrt</button>
      <button class="operator" id="pi">pi</button>

      <button class="number">7</button>
      <button class="number">8</button>
      <button class="number">9</button>
      <button class="operator">/</button>

      <button class="number">4</button>
      <button class="number">5</button>
      <button class="number">6</button>
      <button class="operator">*</button>

      <button class="number">1</button>
      <button class="number">2</button>
      <button class="number">3</button>
      <button class="operator">-</button>

      <button class="number">0</button>
      <button class="operator">.</button>
      <button id="equals">=</button>
      <button class="operator">+</button>

    </div>

  </div>

</div>

</body>
</html>
```

.CSS

```
body{
  background-color: #f5f5f5;
  font-family: Arial, Helvetica, sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
}
.calculator{
  width: 50%;
  height: 350px;
  background-color: #333;
  padding: 10px;
  border: none;
  text-align: center;
  color: white;
  border-radius: 5px;
}
.buttons{
  display: grid;
  grid-template-columns: repeat(4, 1fr);
  gap: 10px;
  margin-top: 10px;
}
button{
  width: 100%;
  height: 50px;
  font-weight: bold;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}
.number{
  background-color: #444;
  color: white;
}
.operator{
  background-color: #ff9500;
  color: white;
}
#equals{
  background-color: #28a745;
  color: white;
}
#clear{
  background-color: #dc3545;
  color: white;
}
#backspace{
```

```
    background-color: #007bff;  
    color:white;  
}  
button:hover{  
    opacity: 0.8;  
}
```

CDN for jQuery

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
```

```
<script
```

```
src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.5/jquery.validate.min.js"></script>
```

```
<script src="digital_calculator.js"></script>
```