

## Task-1

### 1. Portfolio:

```
2. <!DOCTYPE html>
3. <html lang="en">
4. <head>
5.   <meta charset="UTF-8" />
6.   <meta name="viewport" content="width=device-width, initial-scale=1.0"
   />
7.   <title>Portfolio - Kowshik</title>
8.   <style>
9.     * {
10.       margin: 0;
11.       padding: 0;
12.       box-sizing: border-box;
13.       font-family: Arial, sans-serif;
14.     }
15.
16.     body {
17.       background-color: #fff;
18.       color: #333;
19.     }
20.
21.     header {
22.       display: flex;
23.       justify-content: space-between;
24.       align-items: center;
25.       padding: 20px 60px;
26.       border-bottom: 1px solid #ccc;
27.     }
28.
29.     header h1 {
30.       font-size: 24px;
31.       font-family: cursive;
32.     }
33.
34.     nav a {
35.       margin: 0 15px;
36.       text-decoration: none;
37.       color: #333;
38.       font-weight: bold;
39.     }
40.
41.     .hero {
42.       display: flex;
43.       justify-content: space-between;
44.       align-items: center;
45.       padding: 60px;
```

```
46.     }
47.
48.     .hero-text {
49.         max-width: 50%;
50.     }
51.
52.     .hero-text h2 {
53.         font-size: 32px;
54.         margin-bottom: 15px;
55.     }
56.
57.     .hero-text p {
58.         font-size: 16px;
59.         margin-bottom: 20px;
60.         line-height: 1.6;
61.     }
62.
63.     .buttons a {
64.         text-decoration: none;
65.         color: #fff;
66.         background-color: purple;
67.         padding: 10px 20px;
68.         margin-right: 10px;
69.         border-radius: 5px;
70.         display: inline-block;
71.     }
72.
73.     .socials {
74.         margin: 20px 0;
75.     }
76.
77.     .socials img {
78.         width: 30px;
79.         margin-right: 10px;
80.         vertical-align: middle;
81.     }
82.
83.     .hero-img img {
84.         max-width: 100%;
85.         height: auto;
86.     }
87. </style>
88.</head>
89.<body>
90.  <header>
91.    <h1>Kowshik Portfolio</h1>
92.    <nav>
93.      <a href="#">Skills</a>
```

```

94.     <a href="#">Open Source</a>
95.     <a href="#">Projects</a>
96.     <a href="#">Achievements</a>
97.     <a href="#">Blogs</a>
98.     <a href="#">Talks</a>
99.     <a href="#">Contact Me</a>
100.    </nav>
101.    </header>
102.
103.    <section class="hero">
104.        <div class="hero-text">
105.            <h2>Hi all I'm Kowshik <span>👋</span></h2>
106.            <p>A passionate Full Stack Software Developer 🚀 having an
              experience of building Web and Mobile applications with JavaScript /
              Reactjs / Nodejs / React Native and some other cool libraries and
              frameworks</p>
107.            <div class="socials">
108.                
109.                
110.                
111.            </div>
112.            <div class="buttons">
113.                <a href="#">CONTACT ME</a>
114.                <a href="#">SEE MY RESUME</a>
115.            </div>
116.        </div>
117.        <div class="hero-img">
118.            
119.        </div>
120.    </section>
121. </body>
122. </html>

```

## 2.Landing page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1"
/>
<title>Student Hub</title>
<style>
  * {
    box-sizing: border-box;
    margin: 0;
    padding: 0;
  }

  body {
    font-family: Arial, sans-serif;
    background: #f0f4f8;
    color: #333;
  }

  header {
    background-color: #4f46e5;
    color: white;
    padding: 60px 20px;
    text-align: center;
    position: relative;
  }

  header img {
    width: 100%;
    max-height: 300px;
    object-fit: cover;
    margin-top: 20px;
    border-radius: 15px;
  }
```

```
header h1 {  
  font-size: 3em;  
  margin-bottom: 10px;  
}
```

```
header p {  
  font-size: 1.2em;  
  margin-bottom: 30px;  
}
```

```
.cta-button {  
  background-color: white;  
  color: #4f46e5;  
  padding: 12px 24px;  
  border: none;  
  border-radius: 25px;  
  font-size: 1em;  
  cursor: pointer;  
  transition: background-color 0.3s;  
}
```

```
.cta-button:hover {  
  background-color: #e0e7ff;  
}
```

```
section {  
  padding: 40px 20px;  
  max-width: 1000px;  
  margin: 0 auto;  
  text-align: center;  
}
```

```
.features {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
  gap: 20px;  
  margin-top: 40px;
```

```

    }

    .feature {
      background: white;
      padding: 20px;
      border-radius: 12px;
      box-shadow: 0 4px 10px rgba(0, 0, 0, 0.05);
    }

    .feature img {
      width: 100%;
      height: 150px;
      object-fit: cover;
      border-radius: 10px;
      margin-bottom: 15px;
    }

    .feature h3 {
      margin-bottom: 10px;
      color: #4f46e5;
    }
  </style>
</head>
<body>

  <header>
    <h1>Welcome to Student Hub</h1>
    <p>Your all-in-one platform for academic success</p>
    <button class="cta-button">Join Now</button>
    
  </header>

  <section>
    <h2>Why Choose Us?</h2>
    <div class="features">
      <div class="feature">

```



<h3>Study Materials</h3>

<p>Access notes, guides, and exam prep materials anytime.</p>

</div>

<div class="feature">



<h3>Community</h3>

<p>Connect with peers, ask questions, and collaborate.</p>

</div>

<div class="feature">



<h3>Progress Tracking</h3>

<p>Keep track of your academic goals and achievements.</p>

</div>

</div>

</section>

</body>

</html>

### 3. Calculator

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
  <title>Basic Calculator</title>
  <style>
    * {
      box-sizing: border-box;
    }

    body {
      font-family: 'Segoe UI', sans-serif;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      background-color: #e0e0e0;
      margin: 0;
    }

    .calculator {
      background-color: #fff;
      padding: 1rem;
      border-radius: 12px;
      box-shadow: 0 4px 20px rgba(0, 0, 0, 0.2);
      width: 300px;
    }

    .display {
      width: 100%;
      height: 60px;
```



```
background-color: #222;
color: #fff;
font-size: 2rem;
text-align: right;
padding: 0.5rem;
border-radius: 8px;
margin-bottom: 1rem;
overflow: hidden;
}
```

```
.buttons {
  display: grid;
  grid-template-columns: repeat(4, 1fr);
  gap: 0.5rem;
}
```

```
.buttons button {
  padding: 1rem;
  font-size: 1.2rem;
  border: none;
  border-radius: 8px;
  background-color: #f0f0f0;
  cursor: pointer;
  transition: background-color 0.2s ease;
}
```

```
.buttons button:hover {
  background-color: #ddd;
}
```

```
.buttons .operator {
  background-color: #ff9800;
  color: white;
}
```

```
.buttons .operator:hover {
  background-color: #e68900;
```

```
}

.buttons .equal {
  grid-column: span 2;
  background-color: #4caf50;
  color: white;
}

.buttons .equal:hover {
  background-color: #3e8e41;
}

.buttons .clear {
  background-color: #f44336;
  color: white;
}

.buttons .clear:hover {
  background-color: #d32f2f;
}
</style>
</head>
<body>

<div class="calculator">
  <div class="display" id="display">0</div>
  <div class="buttons">
    <button class="clear">C</button>
    <button class="operator">/</button>
    <button class="operator">*</button>
    <button class="operator">-</button>
    <button>7</button>
    <button>8</button>
    <button>9</button>
    <button class="operator">+</button>
    <button>4</button>
    <button>5</button>
```

```
<button>6</button>
<button>1</button>
<button>2</button>
<button>3</button>
<button class="equal">=</button>
<button>0</button>
<button>.</button>
</div>
</div>
```

```
<script>
const display = document.getElementById('display');
const buttons = document.querySelectorAll('button');
let currentInput = "";
let resultDisplayed = false;

buttons.forEach(button => {
  button.addEventListener('click', () => {
    const value = button.textContent;

    if (value === 'C') {
      currentInput = "";
      display.textContent = '0';
    } else if (value === '=') {
      try {
        display.textContent = eval(currentInput) || '0';
        currentInput = display.textContent;
        resultDisplayed = true;
      } catch {
        display.textContent = 'Error';
        currentInput = "";
      }
    } else {
      if (resultDisplayed && !isNaN(value)) {
        currentInput = value;
        resultDisplayed = false;
      } else {
```

```
        currentInput += value;
    }
    display.textContent = currentInput;
}
});
});
</script>
```

```
</body>
```

```
</html>
```