Q)Create the Portfolio with help of HTML and CSS.

Source code:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>My Portfolio</title>

    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">

    <style>


        * {

            margin: 0;

            padding: 0;

            box-sizing: border-box;

        }


        body {

            font-family: 'Roboto', sans-serif;

            background-color: whitesmoke;

            color: #333;

            line-height: 1.6;

            margin: 0;

            padding: 0;

        }



        header {

            background:url(wave-haikei.png);

            background-size: cover;

            color: white;

            text-align: center;
```

```css
    padding: 60px 20px;

    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

    animation: fadeIn 1s ease-in-out;

}


header h1 {

    font-size: 3.5rem;

    margin-bottom: 10px;

    animation: slideIn 1.5s ease-out;

}


header nav ul {

    list-style-type: none;

    padding: 0;

    display: flex;

    justify-content: center;

    margin-top: 20px;

}


header nav ul li {

    margin: 0 20px;

}


header nav ul li a {

    color: white;

    text-decoration: none;

    font-weight: bold;

    font-size: 1.2rem;

    transition: color 0.3s ease-in-out, transform 0.3s ease;

}


header nav ul li a:hover {
```

```css
    color: #00ff99;

    transform: scale(1.1);

}


section {

    padding: 60px;

    margin: 20px;

    background-color: rgba(27, 46, 48, 0.614);

    border-radius: 10px;

    box-shadow: 0 4px 20px rgba(69, 35, 35, 0.1);

    animation: fadeIn 1s ease-in-out;

}


h2 {

    font-size: 2.5rem;

    color: #333;

    margin-bottom: 20px;

    position: relative;

    text-align: center;

}


h2::after {

    content: '';

    position: absolute;

    left: 50%;

    transform: translateX(-50%);

    bottom: -10px;

    width: 80px;

    height: 4px;

    background-color: #2575fc;

    border-radius: 5px;
```

```css
    animation: slideIn 0.5s ease-out;
}


.project {
    margin-bottom: 30px;
    transition: transform 0.3s ease;
    padding: 20px;
    border: 1px solid #e0e0e0;
    border-radius: 8px;
    background-color: #000000;
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}


.project:hover {
    transform: scale(1.05);
    box-shadow: 0 4px 20px rgba(0, 0, 0, 0.2);
}


.project h3 {
    font-size: 1.8rem;
    color: #333;
    margin-bottom: 10px;
}


.project p {
    font-size: 1rem;
    color: #555;
    line-height: 1.6;
}


footer {
```

```css
    background-color: #333;

    color: white;

    text-align: center;

    padding: 20px 10px;

    position: relative;

    width: 100%;

    bottom: 0;

    box-shadow: 0 -2px 10px rgba(0, 0, 0, 0.1);
}


@keyframes fadeIn {
    from {
        opacity: 0;
        transform: translateY(20px);
    }
    to {
        opacity: 1;
        transform: translateY(0);
    }
}


@keyframes slideIn {
    from {
        transform: translateX(-100%);
    }
    to {
        transform: translateX(0);
    }
}
```

```css
#contact p a {
    color: #d3a4a4;
    text-decoration: none;
    font-weight: bold;
}

#contact p a:hover {
    color: #ffcc00;
}
@media (max-width: 768px) {
    header h1 {
        font-size: 2.5rem;
    }

    header nav ul {
        flex-direction: column;
    }

    header nav ul li {
        margin: 10px 0;
    }

    section {
        padding: 20px;
        margin: 10px;
    }

    h2 {
        font-size: 2rem;
    }

    .project h3 {
```

```html
        font-size: 1.5rem;

      }


      .project p {

        font-size: 0.9rem;

      }

    }

  </style>

</head>

<body>


  <header>

    <h1>My Portfolio</h1>

    <nav>

      <ul>

        <li><a href="#about">About Me</a></li>

        <li><a href="#projects">Projects</a></li>

        <li><a href="#contact">Contact</a></li>

      </ul>

    </nav>

  </header>


  <section id="about">

    <h2>About Me</h2>

      <p>Hello! I'm Arpit pandey, a first-year student at KIET Group of Institutions, majoring in Computer Science. I'm passionate about frontend web development and eager to learn new skills and technologies. I have a keen interest in creating user-friendly and visually appealing websites.</p>

  </section>


  <section id="projects">

    <h2>Projects</h2>

    <div class="project">

      <h3 style="color: aquamarine";>Personal Portfolio Website</h3>
```

```html
        <p>This is an amazing project I worked on. I used HTML and CSS  to create responsive and interactive web application.</p>

    </div>

    <div class="project">

        <h3 style="color: aquamarine";>UniStay</h3>

        <p>Another exciting project I developed. It involved providing a hostel and PG's directly to student  just in few steps.</p>

    </div>

    <div class="project">

        <h3 style="color: aquamarine;">E-commerce Product page</h3>

        <p>Another exciting project I developed. This should include product images, descriptions, pricing, and an add-to-cart button.</p>

    </div>


  </section>


  <section id="contact">

    <h2 style="color: aquamarine;">Contact</h2>

    <p style="color: cyan;">Email: <a href="mailto:your-email@example.com">arpit.2428cse1277@kiet.edu</a></p>

    <p style="color: coral;">LinkedIn: <a href="https://www.linkedin.com/in/your-profile" target="_blank" >Arpit Pandey</a></p>

  </section>


  <footer>

    <p>&copy;2024 Arpit pandey. All rights reserved.</p>

  </footer>


</body>

</html>
```