

Experiment 07

Cascading Style Sheets (CSS)

Question 01

Code:

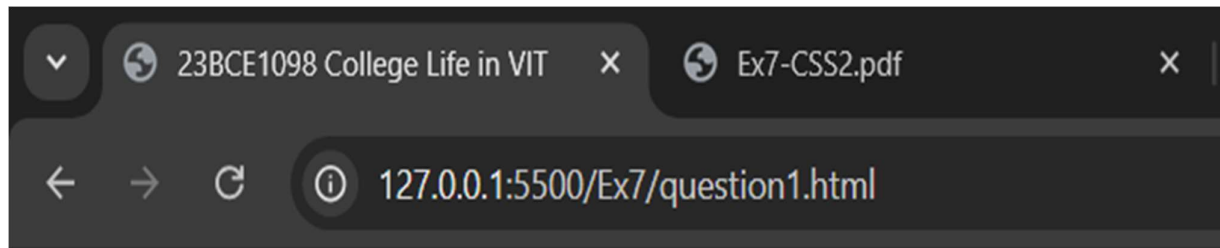
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>23BCE1098 College Life in VIT</title>
  <style>
    .box {
      margin: 25px;
      outline: 20px solid rgb(255, 255, 0);
      border: 6px solid green;
      padding: 20px;
      width: 400px;
      height: 100px;
      background-color: #0000FF;
      color: white;
    }
  </style>
</head>

<body>
  <div class="box">
    College life at VIT has been an unforgettable journey of learning and growth.
    The vibrant campus, supportive faculty, and diverse opportunities make every day exciting.
    It is a place where dreams are nurtured, and lifelong memories are created.
  </div>
</body>

</html>
```

Output:



College life at VIT has been an unforgettable journey of learning and growth. The vibrant campus, supportive faculty, and diverse opportunities make every day exciting. It is a place where dreams are nurtured, and lifelong memories are created.

Question 02

Code:

HTML

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>23BCE1098 CSS Animation</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <div class="container">
    <h1 class="rainbow">Welcome to the World of Pet Animals</h1>

    <div class="description">
      <p>
        Pets bring immense joy and companionship to our lives. Dogs, cats, rabbits, and birds
        are among the most popular choices for families. Taking care of pets teaches us
        responsibility and provides unconditional love.
      </p>
      <p>
        Dogs are playful and loyal, while cats are independent and curious. Rabbits are soft
        and cuddly, and birds add a melodic charm to any home. No matter the choice, pets
        enrich our lives in countless ways.
      </p>
    </div>

    <div class="animation">
      <svg height="500" width="500">

        <circle cx="250" cy="145" r="30" class="ball"></circle>

        <ellipse cx="350" cy="200" rx="60" ry="30" class="dog"></ellipse>
        <circle cx="320" cy="170" r="30" class="dog"></circle>
        <ellipse cx="300" cy="150" rx="10" ry="20" class="dog"></ellipse>
        <ellipse cx="340" cy="150" rx="10" ry="20" class="dog"></ellipse>
        <circle cx="310" cy="165" r="5" class="dog-eye"></circle>
        <circle cx="330" cy="165" r="5" class="dog-eye"></circle>
        <circle cx="310" cy="165" r="2" class="dog-pupil"></circle>
        <circle cx="330" cy="165" r="2" class="dog-pupil"></circle>

      </svg>
    </div>
  </div>
</body>
</html>
```

```
<ellipse cx="320" cy="185" rx="5" ry="10" class="dog-tongue"></ellipse>
</svg>
</div>
</div>
</body>
</html>
```

CSS:

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-image: url('background-image.jpg');
  background-size: cover;
  background-position: center;
  text-align: center;
  color: #333;
}

.container {
  padding: 20px;
}

.rainbow {
  margin: 3rem;
  width: fit-content;
  font-size: 2em;
  font-weight: bold;
  background: linear-gradient(90deg, red, orange, yellow, green, blue, indigo, violet);
  -webkit-background-clip: text;
  color: transparent;
  animation: rainbowEffect 3s linear infinite;
}

@keyframes rainbowEffect {
  0% {
    background-position: 0% 50%;
  }

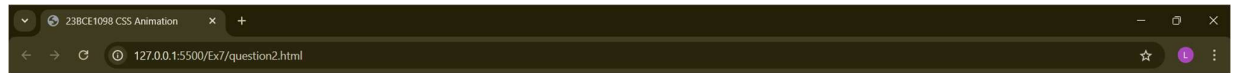
  100% {
    background-position: 100% 50%;
  }
}

.description {
```

```
column-count: 2;
column-gap: 30px;
line-height: 30pt;
text-align: justify;
margin: 20px;
}

.ball {
  fill: red;
  stroke: black;
  stroke-width: 2;
  animation: play 2s ease-in-out infinite;
}
.dog {
  fill: #8B4513;
}
.dog-eye {
  fill: white;
}
.dog-pupil {
  fill: black;
}
.dog-tongue {
  fill: #FF6347;
}
@keyframes play {
  0% {
    transform: translate(0, 0) rotate(0) scale(1);
  }
  25% {
    transform: translate(50px, 50px) rotate(45deg) scale(1.2);
  }
  50% {
    transform: translate(100px, 0) rotate(90deg) scale(1);
  }
  75% {
    transform: translate(50px, -50px) rotate(135deg) scale(0.8);
  }
  100% {
    transform: translate(0, 0) rotate(180deg) scale(1);
  }
}
#ball-group {
  animation: play 2s ease-in-out infinite;
}
```

Output:



Welcome to the World of Pet Animals

Pets bring immense joy and companionship to our lives. Dogs, cats, rabbits, and birds are among the most popular choices for families. Taking care of pets teaches us responsibility and provides unconditional love.

Dogs are playful and loyal, while cats are independent and curious. Rabbits are soft and cuddly, and birds add a melodic charm to any home. No matter the choice, pets enrich our lives in countless ways.

