Web Lab Exercise 7

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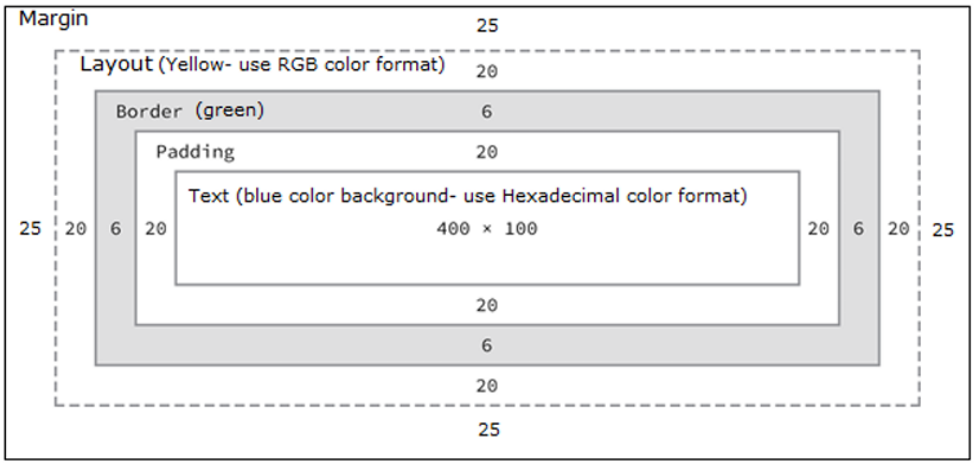
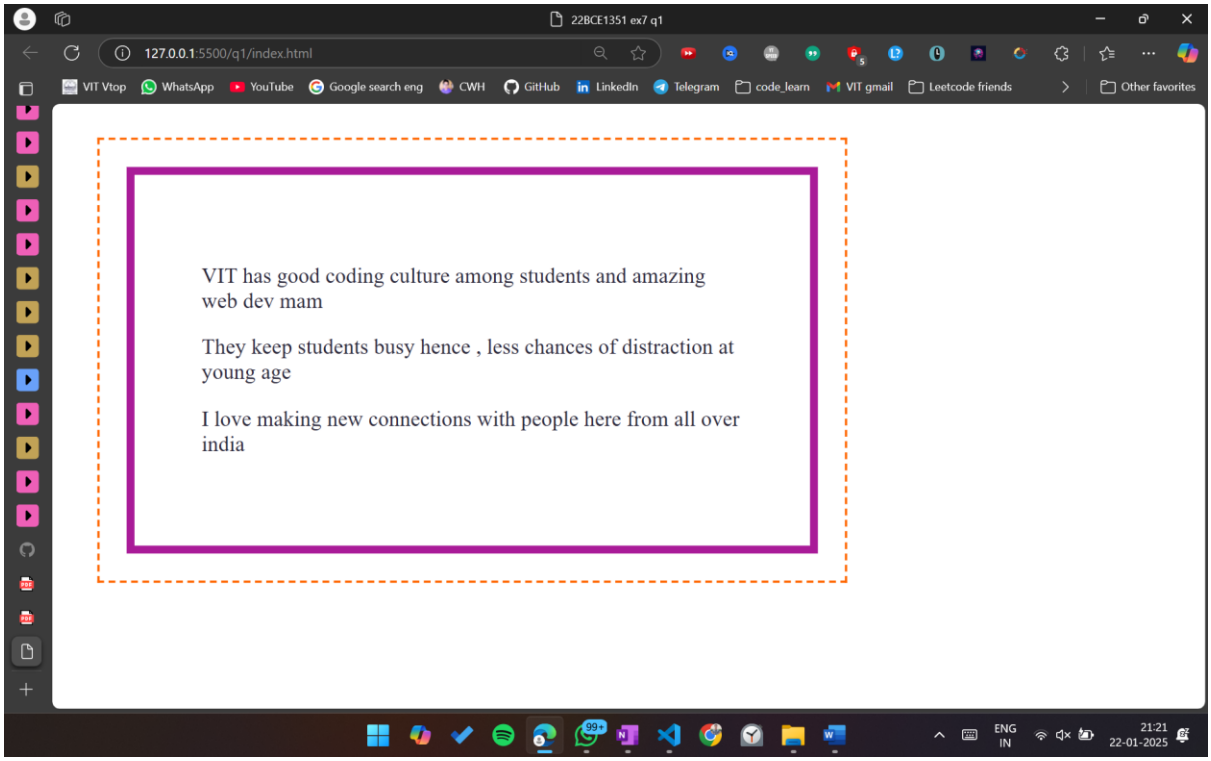
Subject	Web Programming
Slot	L15+L16+L19+L20
Venue	AB3 – 202

Exercise – 7

CSS

1. Write three sentences about your college life in VIT using a paragraph with division tag. Apply box model style to the div tag using embedded CSS. The specification of the box model is given below.

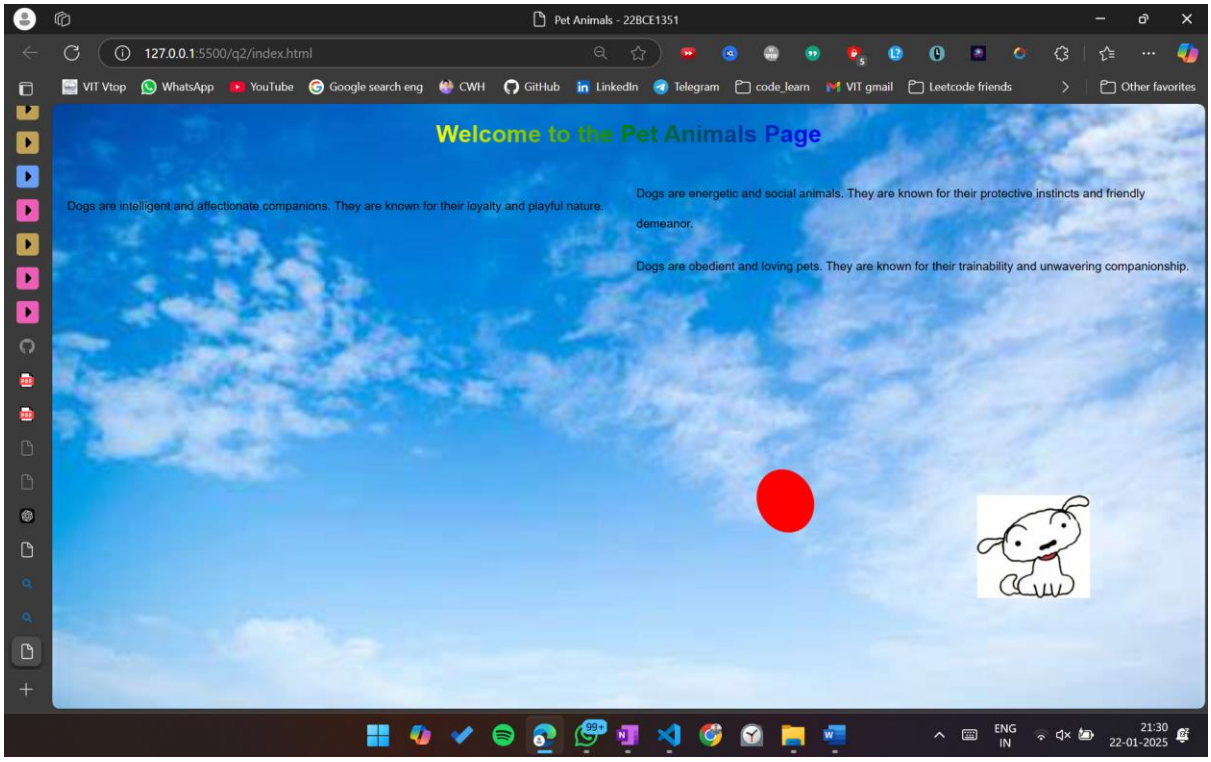


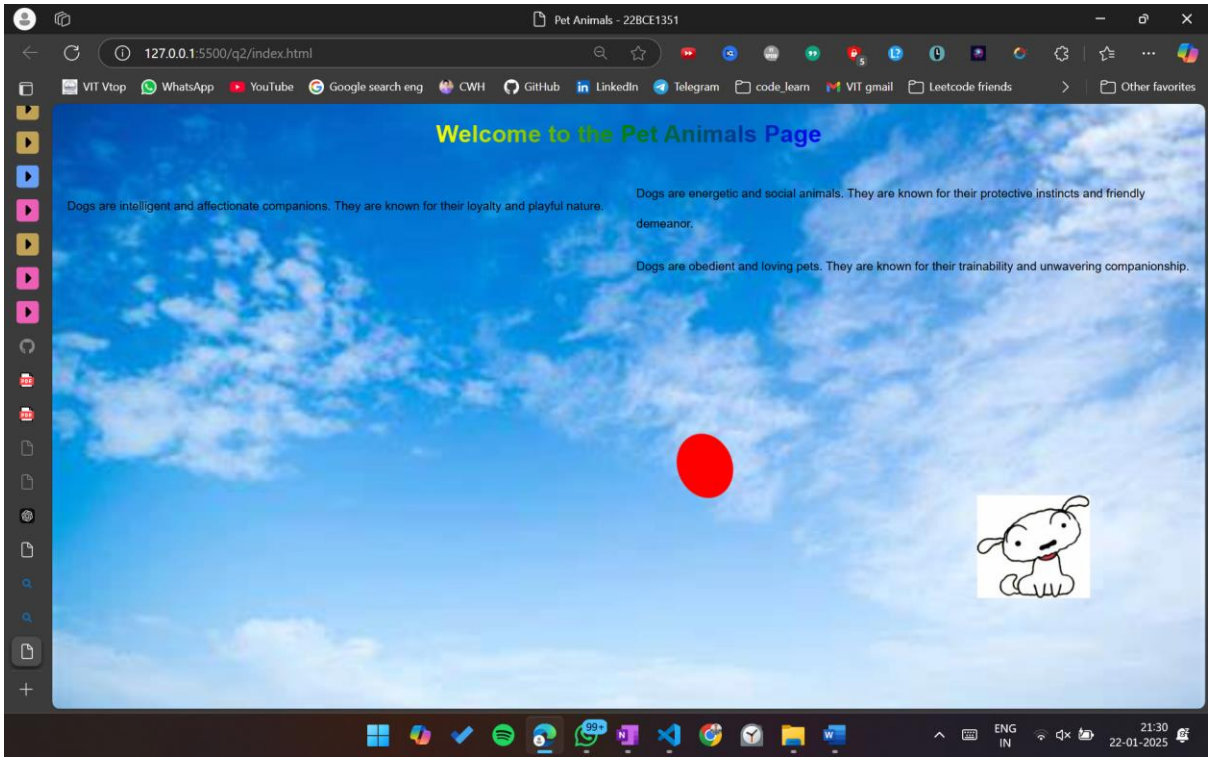


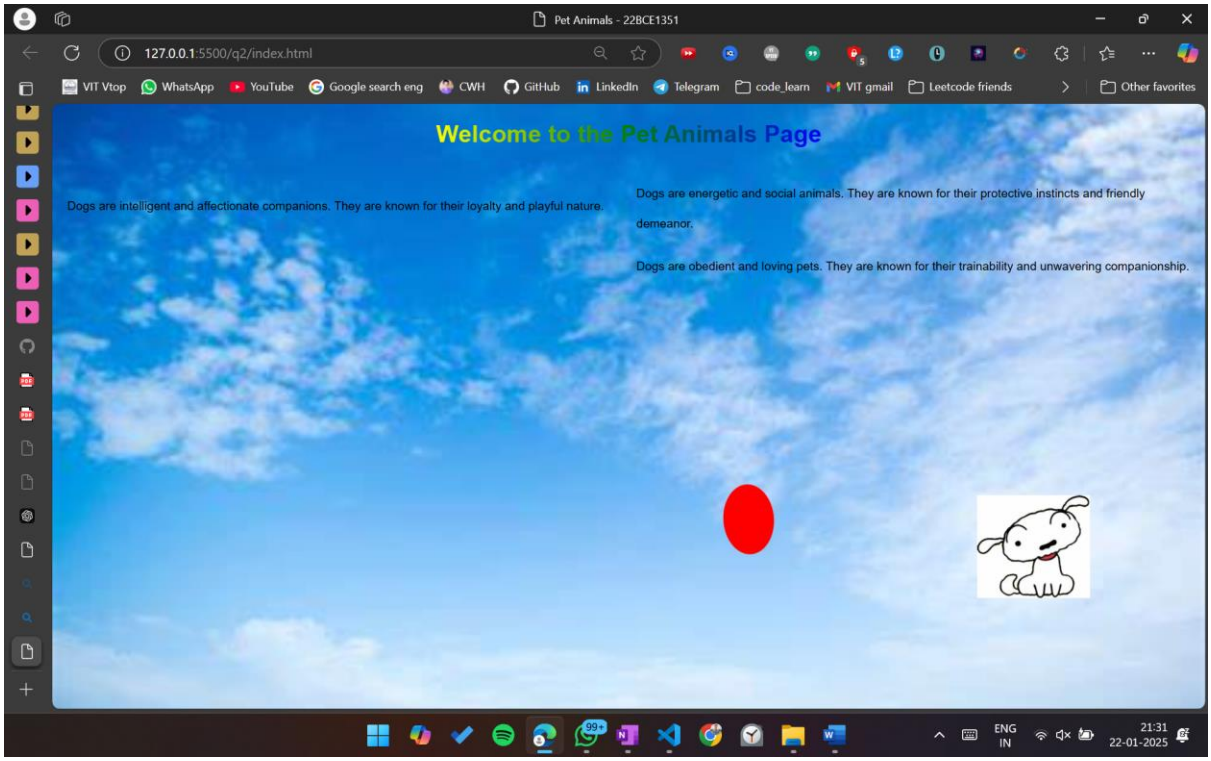

```
<!DOCTYPE html>
<html lang="en">

<head>
```

```
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>22BCE1351 ex7 q1</title>
    <style>
        .outer{
            margin: 25px;
            border: 2px dashed rgb(255, 102, 0);
            width: fit-content;
        }
        .inner{
            /* height: 100px; */
            width: 400px;
            color: #2c293c;
            padding: 50px;
            border: 6px solid rgb(169, 27, 152);
            margin: 20px;
        }
    </style>
</head>

<body>
    <div class  = "outer">
        <div class = "inner">
            <p>VIT has good coding culture among students and amazing web dev mam</p>
            <p>They keep students busy hence , less chances of distraction at young age</p>
            <p>I love making new connections with people here from all over india</p>
        </div>
    </div>
</body>

</html>
```

2. Design a webpage for Pet animals and apply style using External CSS
    - Apply a rainbow effect to any heading
    - Ensure the descriptions are displayed in a multi-column format, with a line height of 30pt.
    - Use a background image and align it to the center.
    - Insert a ball using SVG, and create an effect to illustrate "a dog playing with a ball." Apply translation, rotation, and shearing effects to the ball.







Html

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

```
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Pet Animals - 22BCE1351</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <h1 class="rainbow">Welcome to the Pet Animals Page</h1>
    <div class="description">
        <p>Dogs are intelligent and affectionate companions. They are known for their loyalty and playful nature.</p>
        <p>Dogs are energetic and social animals. They are known for their protective instincts and friendly demeanor.</p>
        <p>Dogs are obedient and loving pets. They are known for their trainability and unwavering companionship.</p>
    </div>
    <div class="play-area">
        <svg id="ball" width="100" height="100" viewBox="0 0 100 100">
            <circle cx="50" cy="50" r="40" fill="red" />
        </svg>
        <img src="images.jpg" alt="Dog" class="dog">
    </div>
    <script src="script.js"></script>
</body>
</html>
```

css

```
Cssbody {

  font-family: Arial, sans-serif;
  background-image: url('background.jpg');
  background-size: cover;
  background-position: center;
  margin: 0;
  padding: 0;
}

.rainbow {
  text-align: center;
  font-size: 2em;
  background: linear-gradient(to right, red, orange, yellow, green, blue, indigo, violet);
  -webkit-background-clip: text;
  color: transparent;
}

.description {
  column-count: 2;
```

```
  column-gap: 20px;
  line-height: 30pt;
  padding: 20px;
}

.play-area {
  position: relative;
  width: 100%;
  height: 400px;
  display: flex;
  justify-content: center;
  align-items: center;
}

#ball {
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
}

.dog {
  position: absolute;
  bottom: 0;
  right: 10%;
  width: 150px;
}
```

Js

```
document.addEventListener("DOMContentLoaded", function() {
    const ball = document.getElementById("ball");

    function animateBall() {
        ball.animate([
            { transform: 'translate(0, 0) rotate(0deg) skew(0deg, 0deg)' },
            { transform: 'translate(100px, -50px) rotate(45deg) skew(10deg, 10deg)' },
            { transform: 'translate(200px, 0) rotate(90deg) skew(0deg, 0deg)' },
            { transform: 'translate(100px, 50px) rotate(135deg) skew(-10deg, -10deg)' },
            { transform: 'translate(0, 0) rotate(180deg) skew(0deg, 0deg)' }
        ], {
            duration: 3000,
            iterations: Infinity
        });
    }

    animateBall();
```

```
});
```

Thank you!