Programme	:	B.Tech.	Semester	:	Winter24-25
Course	:	BCSE203E: Web Programming Lab	Slot	:	TE1/TE2
Faculty	:	Dr. LM Jenila Livingston	Marks	:	10

Name: Sara Arora

Register no: 23BCE5036

Exercise-7

Question-1

Code:

```html
1    <!DOCTYPE html>
2
3    <html lang="en">
4
5    <head>
6
7        <meta charset="UTF-8">
8
9        <meta name="viewport" content="width=device-width, initial-scale=1.0">
10
11       <title>23BCE5036</title>
12       <style>
13           body {
14               display: flex;
15               justify-content: center;
16               height: 30vh;
17               background-color: ⬜#f5f5f5;
18               margin: 0;
19           }
20
21           .outer-box {
22
23               margin: 25px;
24               border: 20px solid 🟨rgb(255, 255, 0);
25               box-sizing: border-box;
26           }
27
28           .second-box {
29               border: 6px solid 🟩green;
30               padding: 20px;
31               color: ⬜white;
32               box-sizing: border-box;
33           }
34
35           .inner-box {
36               padding: 20px;
37               width: 400px;
38               height: 100px;
39               background-color: 🟦#0000FF;
40               box-sizing: content-box;
41
```

```
41
42            }
43        </style>
44  </head>
45
46  <body>
47
48      <div class="outer-box">
49          <div class="second-box">
50              <div class="inner-box">
51                  <p>My college life at VIT is very okkayish</p>
52                  <p>We have to participate in activities to pass time.</p>
53                  <p>The campus is beautiful.</p>
54              </div>
55          </div>
56      </div>
57
58  </body>
59
60  </html>
```

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>23BCE5036</title>
  <style>
    body {
      display: flex;
      justify-content: center;
      height: 30vh;
```

```css
            background-color: #f5f5f5;
            margin: 0;
        }

        .outer-box {

            margin: 25px;
            border: 20px solid rgb(255, 255, 0);
            box-sizing: border-box;
        }

        .second-box {
            border: 6px solid green;
            padding: 20px;
            color: white;
            box-sizing: border-box;
        }

        .inner-box {
            padding: 20px;
            width: 400px;
            height: 100px;
            background-color: #0000FF;
            box-sizing: content-box;

        }
    </style>
</head>

<body>
```

```html
<div class="outer-box">

    <div class="second-box">

      <div class="inner-box">

         <p>My college life at VIT is very okkayish</p>

         <p>We have to participate in activities to pass time.</p>

         <p>The campus is beautiful.</p>

      </div>

    </div>

  </div>



</body>



</html>
```
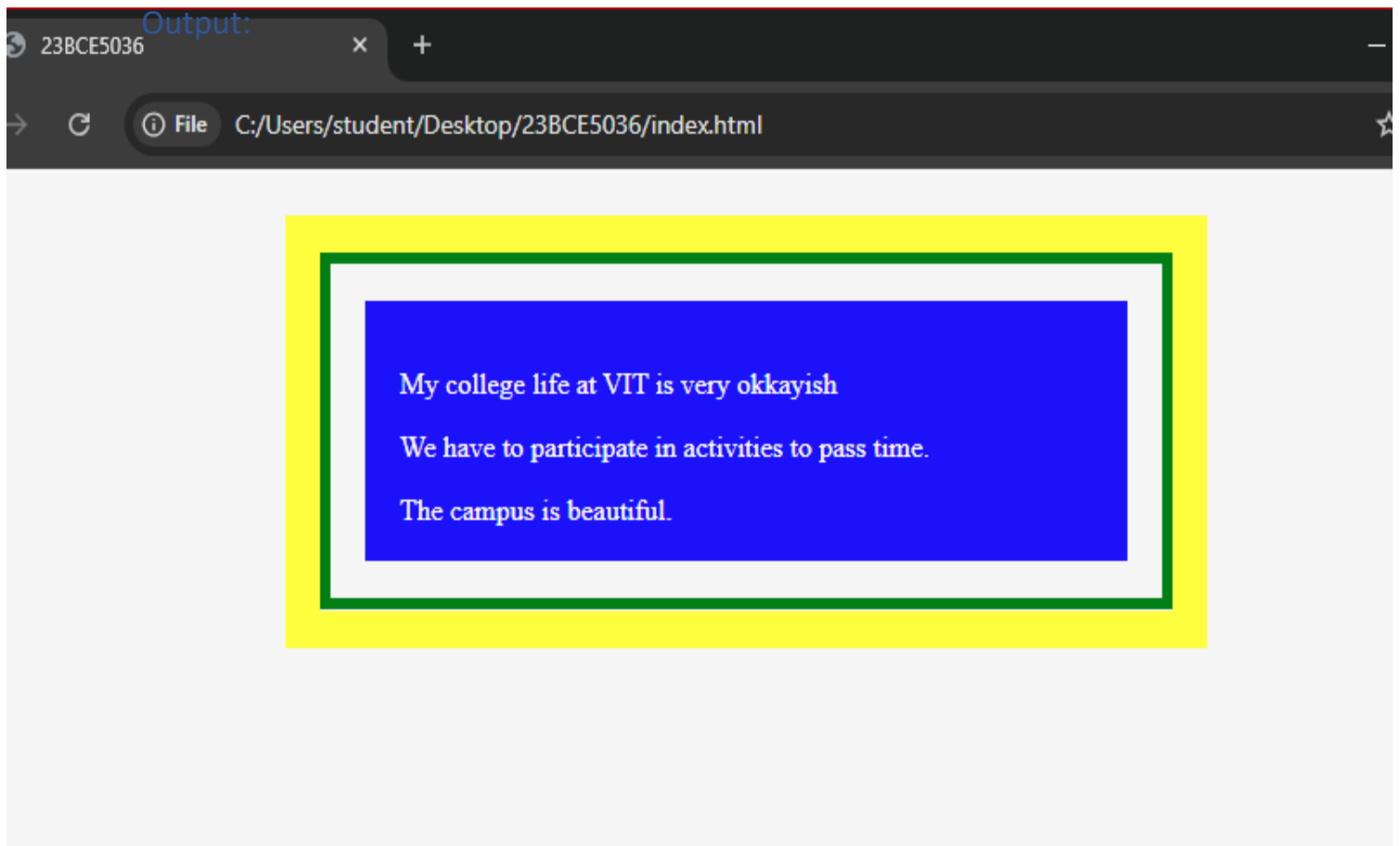
Output:

Question-2

Code:

```html
index.html > html > head > link
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>23BCE5036</title>
7       <link rel="stylesheet" href="style.css">
8   </head>
9   <body>
10      <header>
11          <h1 class="rainbow-heading">Welcome to the Pet World</h1>
12      </header>
13      <main>
14          <section class="description">
15              <p>Pigeons fly in the sky with their wings..</p>
16              <p>Horse run in fields and never sit.</p>
17              <p>cat eat fishes in meals..</p>
18          </section>
19          <section class="play">
20              <h2>A Dog Playing with a Ball</h2>
21              <svg viewBox="0 0 200 200" width="200" height="200">
22                  <circle cx="50" cy="50" r="20" fill="red" class="ball" />
23                  <rect x="0" y="100" width="200" height="10" fill="green" />
24              </svg>
25          </section>
26      </main>
27  </body>
28  </html>
```

Style.css

```css
style.css > ...
1   body {
2       font-family: Arial, sans-serif;
3       margin: 0;
4       padding: 0;
5       background: url('background.jpg') no-repeat center center fixed;
6       background-size: cover;
7       color: #333;
8       text-align: center;
9   }
10
11  .rainbow-heading {
12      font-size: 3em;
13      font-weight: bold;
14      background: linear-gradient(to right, red, orange, yellow, green, blue, indigo, violet);
15      -webkit-background-clip: text;
16      -webkit-text-fill-color: transparent;
17      color: black;
18      animation: rainbow 3s infinite;
19  }
```

```css
        color: ☐black;
        animation: rainbow 3s infinite;
}

@keyframes rainbow {
    0% { filter: hue-rotate(0deg); }
    100% { filter: hue-rotate(360deg); }
}

.description {
    margin: 20px auto;
    width: 80%;
    column-count: 2;
    column-gap: 30px;
    line-height: 30pt;
}

.play {
    margin-top: 30px;
}

.ball {
    animation: play 5s infinite;
}

@keyframes play {
    0% {
        transform: translate(0, 0);
    }
    25% {
        transform: translate(50px, -20px) rotate(45deg);
    }
    50% {
        transform: translate(100px, 0) rotate(90deg) skewX(15deg);
    }
```

```css
        }
        50% {
            transform: translate(100px, 0) rotate(90deg) skewX(15deg);
        }
        75% {
            transform: translate(50px, 20px) rotate(135deg);
        }
        100% {
            transform: translate(0, 0) rotate(180deg);
        }
}
```

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE5036</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <header>
        <h1 class="rainbow-heading">Welcome to the Pet World</h1>
    </header>
    <main>
      <section class="description">
        <p>Pigeons fly in the sky with their wings..</p>
        <p>Horse run in fields and never sit.</p>
        <p>cat eat fishes in meals..</p>
      </section>
      <section class="play">
        <h2>A Dog Playing with a Ball</h2>
        <svg viewBox="0 0 200 200" width="200" height="200">
          <circle cx="50" cy="50" r="20" fill="red" class="ball" />
          <rect x="0" y="100" width="200" height="10" fill="green" />
        </svg>
      </section>
    </main>
</body>
</html>
```

Style.css

```css
body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

    background: url('background.jpg') no-repeat center center fixed;

    background-size: cover;

    color: #333;

    text-align: center;

}


.rainbow-heading {

    font-size: 3em;

    font-weight: bold;

    background: linear-gradient(to right, red, orange, yellow, green, blue, indigo, violet);

    -webkit-background-clip: text;

    -webkit-text-fill-color: transparent;

    color: black;

    animation: rainbow 3s infinite;

}


@keyframes rainbow {

    0% { filter: hue-rotate(0deg); }

    100% { filter: hue-rotate(360deg); }

}


.description {

    margin: 20px auto;

    width: 80%;

    column-count: 2;

    column-gap: 30px;

    line-height: 30pt;
```

```css
}

.play {
    margin-top: 30px;
}

.ball {
    animation: play 5s infinite;
}

@keyframes play {
    0% {
        transform: translate(0, 0);
    }
    25% {
        transform: translate(50px, -20px) rotate(45deg);
    }
    50% {
        transform: translate(100px, 0) rotate(90deg) skewX(15deg);
    }
    75% {
        transform: translate(50px, 20px) rotate(135deg);
    }
    100% {
        transform: translate(0, 0) rotate(180deg);
    }
}
```