Web Programming
Lab – 3
HTML – Image Mapping

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Slot: L11+L12+L31+L32
Class No: CH2024250502774
Course Code: BCSE203E
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Question 1:

1. Map the images using HTML image mapping with the proper title such as (5 marks)
   Note: Use **title** property for \<area\> tag

   Sun: Ball of Fire
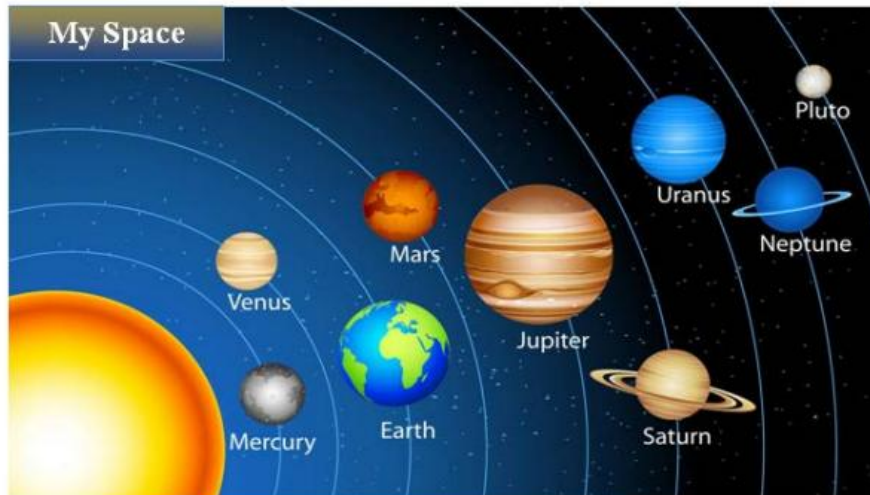   Venus: Morning Star
   Earth: Blue planet
   Jupiter: Largest planet
   Saturn: Ring Planet
   Pluto: Dwarf Planet
   My Space: Your Name and Register No.

   Display the details of earth and sun in new web pages by providing appropriate hotspots and links. Provide appropriate link to "My space" to HTML page (Qn.2)

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE1728</title>
</head>
<body>
    <h1>Exercise 3A</h1>
    <p>Click on the planet to veiw its information</p>
    <img src="img.png" usemap="#image-map">
    <map name="image-map">
        <area target="_blank" alt="My Space" title="My Space" href="myspace.html" coords="1,1,176,100"
shape="rect">
        <area target="_blank" alt="Earth" title="Earth" href="https://science.nasa.gov/earth/"
coords="418,147,36" shape="circle">
        <area target="_blank" alt="Mars" title="Mars" href="https://science.nasa.gov/mars/"
coords="616,262,36" shape="circle">
        <area target="_blank" alt="Venus" title="Venus" href="https://science.nasa.gov/venus/"
coords="228,188,32" shape="circle">
        <area target="_blank" alt="Mercury" title="Mercury" href="https://science.nasa.gov/mercury/"
coords="154,340,22" shape="circle">
        <area target="_blank" alt="Saturn" title="Saturn" href="https://science.nasa.gov/saturn/"
coords="155,502,54" shape="circle">
        <area target="_blank" alt="Uranus" title="Uranus" href="https://science.nasa.gov/uranus/"
coords="312,629,50" shape="circle">
        <area target="_blank" alt="Neptune" title="Neptune" href="https://science.nasa.gov/neptune/"
coords="499,623,47" shape="circle">
        <area target="_blank" alt="jupiter" title="jupiter" href="https://science.nasa.gov/jupiter/"
coords="648,457,77" shape="circle">
```
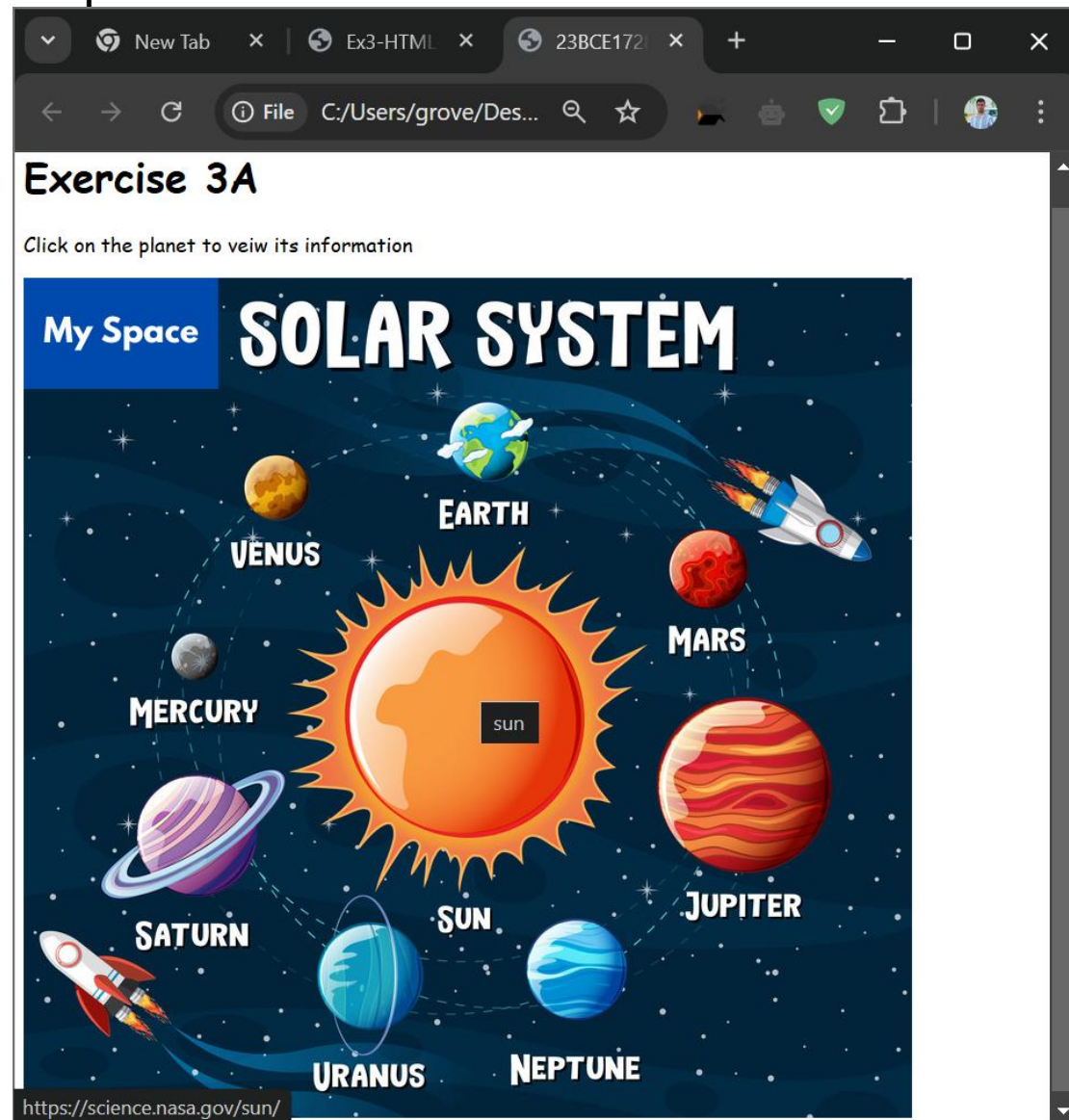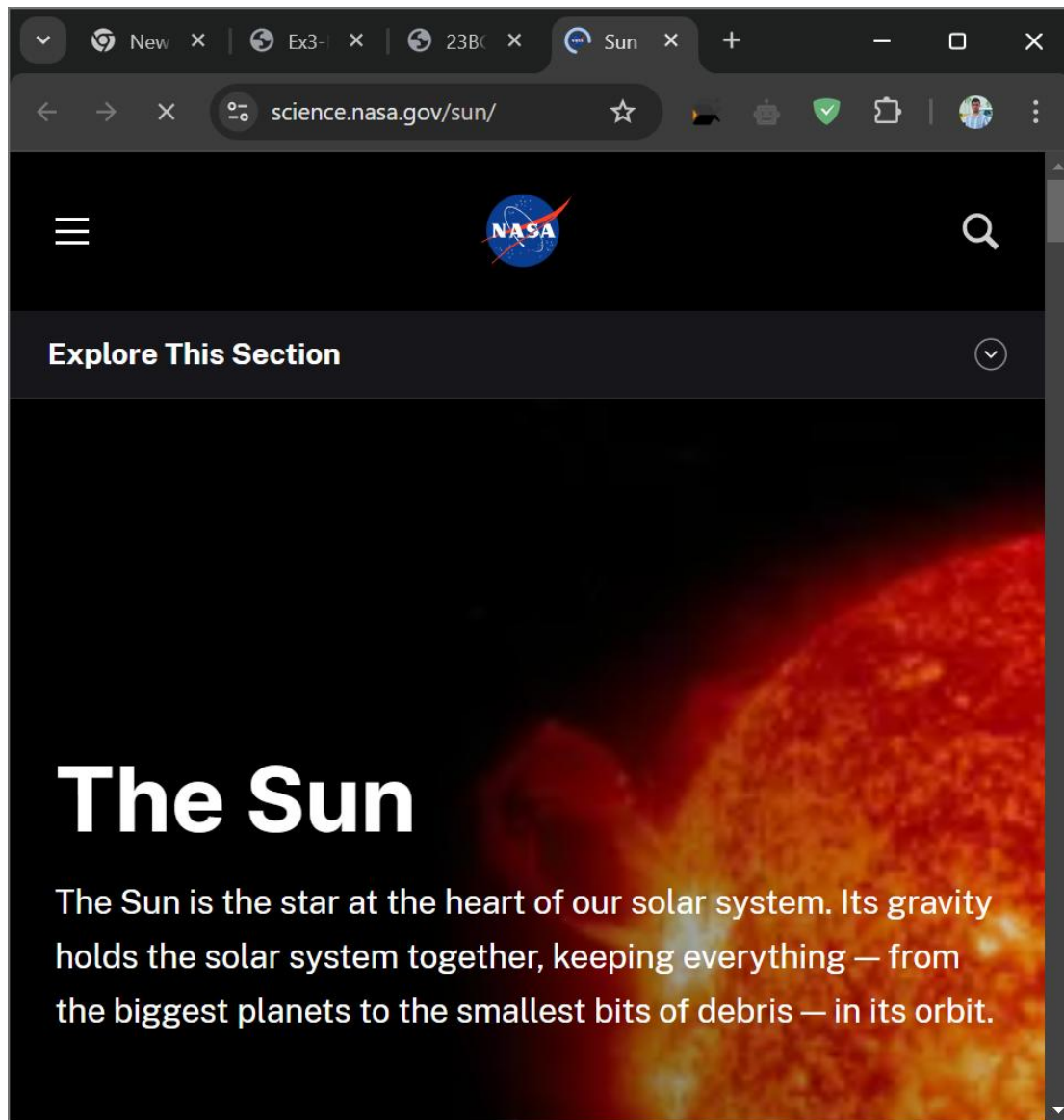
```
        <area target="_blank" alt="sun" title="sun" href="https://science.nasa.gov/sun/"
coords="397,394,125" shape="circle">
    </map>
</body>
</html>
```

Output:

Question 2:

2. Display your image when clicking on 'MySpace' and provide two sentences about yourself using lists and semantic tags. Spot a portion of your face and attach your signature using image mapping.

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE1728</title>
</head>
<body>
    <img src="pp.jpg" usemap="#image-map" alt="Profile Photo" align="right">
    <map name="image-map">
        <area target="_blank" alt="face" title="face" href="https://www.linkedin.com/in/sushen-grover-2b3314290/" coords="178,162,110" shape="circle">
    </map>
    <h1>Exercise 3B</h1>
    <h2>Sushen Grover</h2>
    <h3>About Me</h3>
```

```html
    <p>
        I am a Computer Science and Engineering student at VIT Chennai with a passion for problem-solving
and creating efficient, impactful solutions. I have a strong foundation in Data Structures and Algorithms
and am skilled in programming languages like Python, Java, C, and C++. I also have experience in data
analytics, using tools such as MySQL, Spreadsheets, Tableau, and R to uncover meaningful insights and
support data-driven decision-making.
    </p>
    <p>
        I take on challenges with a calm, focused mindset and always prioritize sincerity and precision in
my work. With a forward-thinking approach, I adapt quickly to demanding situations and consistently aim to
achieve excellence in everything I do.
    </p>
</body>
</html>
```

Output: