

Experiment No: 2

PART A

Aim: Design Static web pages using Frameset and targets.

Required Resources: Web Browser, Notepad.

Theory:

HTML Frameset:

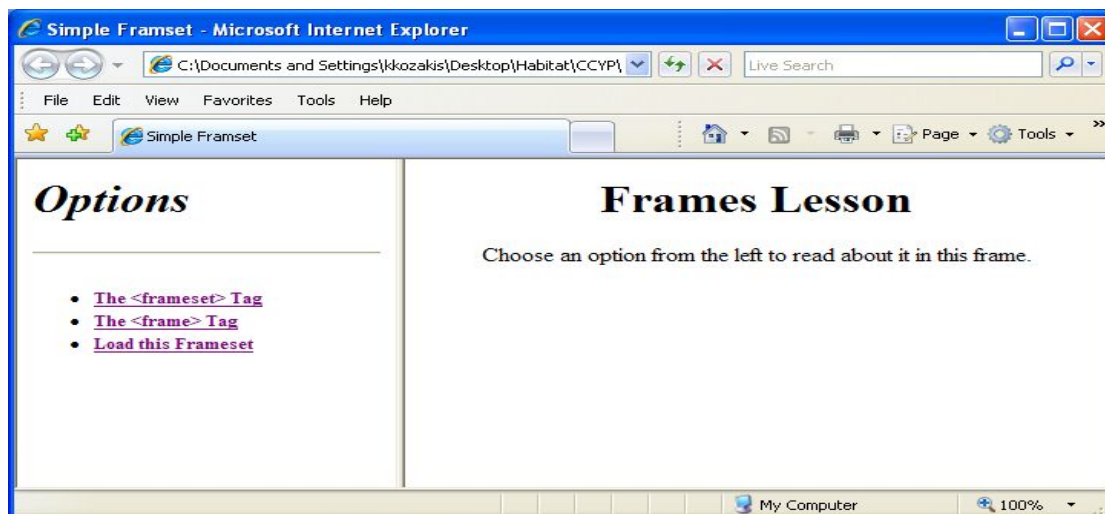
- <Frameset >: is a file that specifies how the screen is divided into frames.
- <Frameset ></Frameset >: tag divides the screen into different frames either horizontally or vertically.
- <Frameset> Attributes:

1) **rows/cols** :specify whether to divide the window horizontally or vertically.

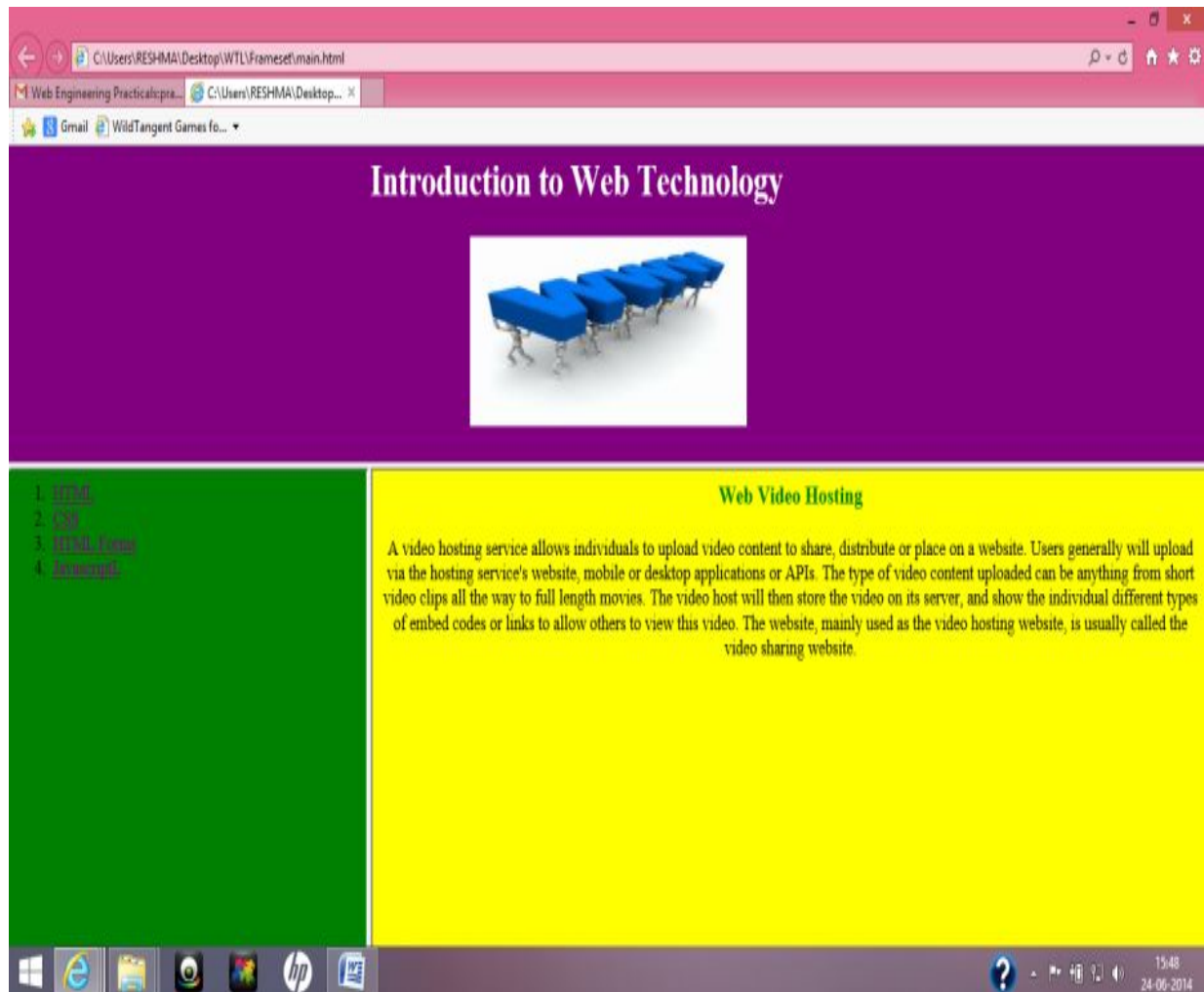
2) **Frameborder** :specify border around frame and has value Yes/No

3) **Border**: specify width of border around frame

Frameset Example



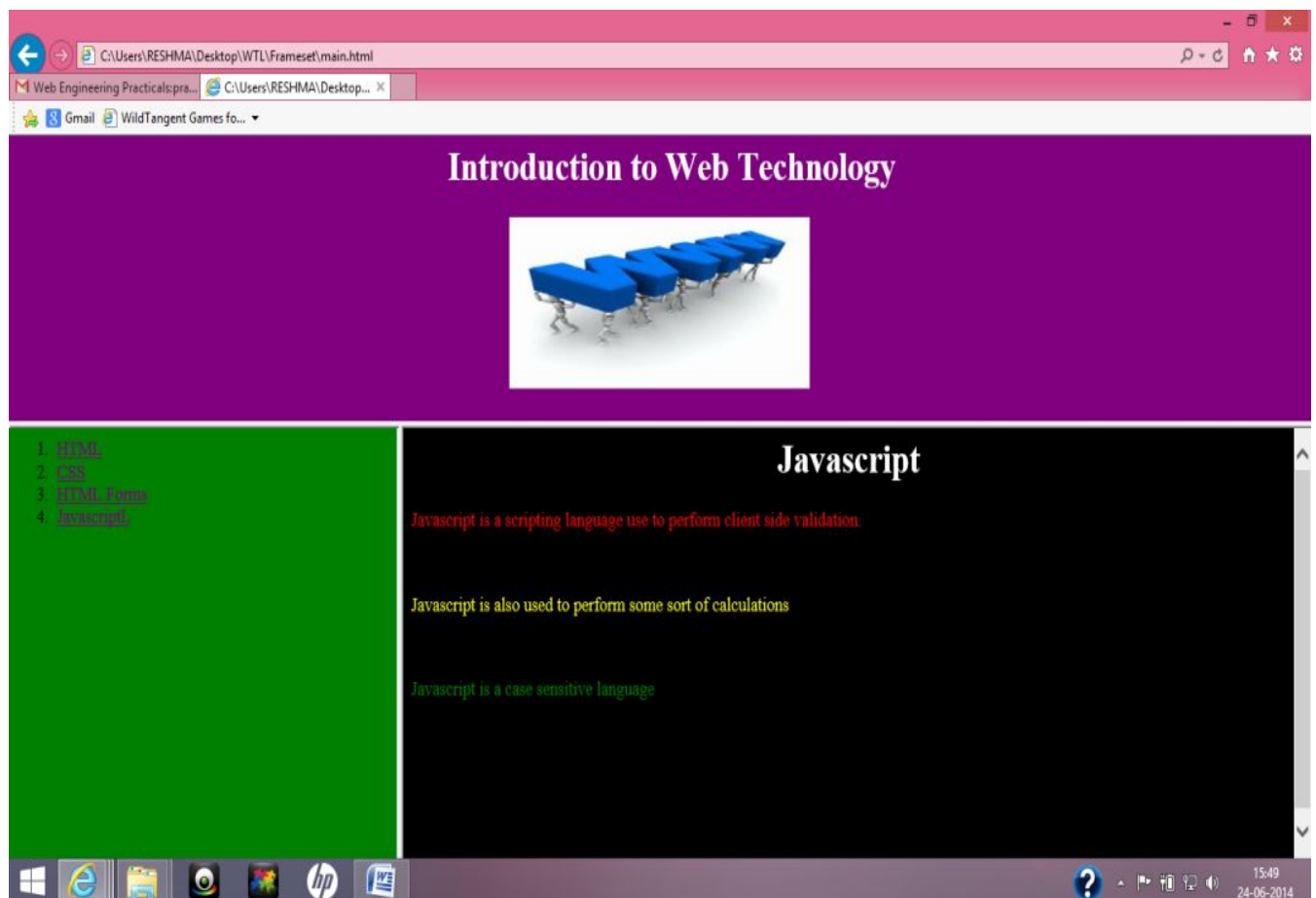
This frameset was created by the following code: `<frameset cols="35%,65%"></frameset>`

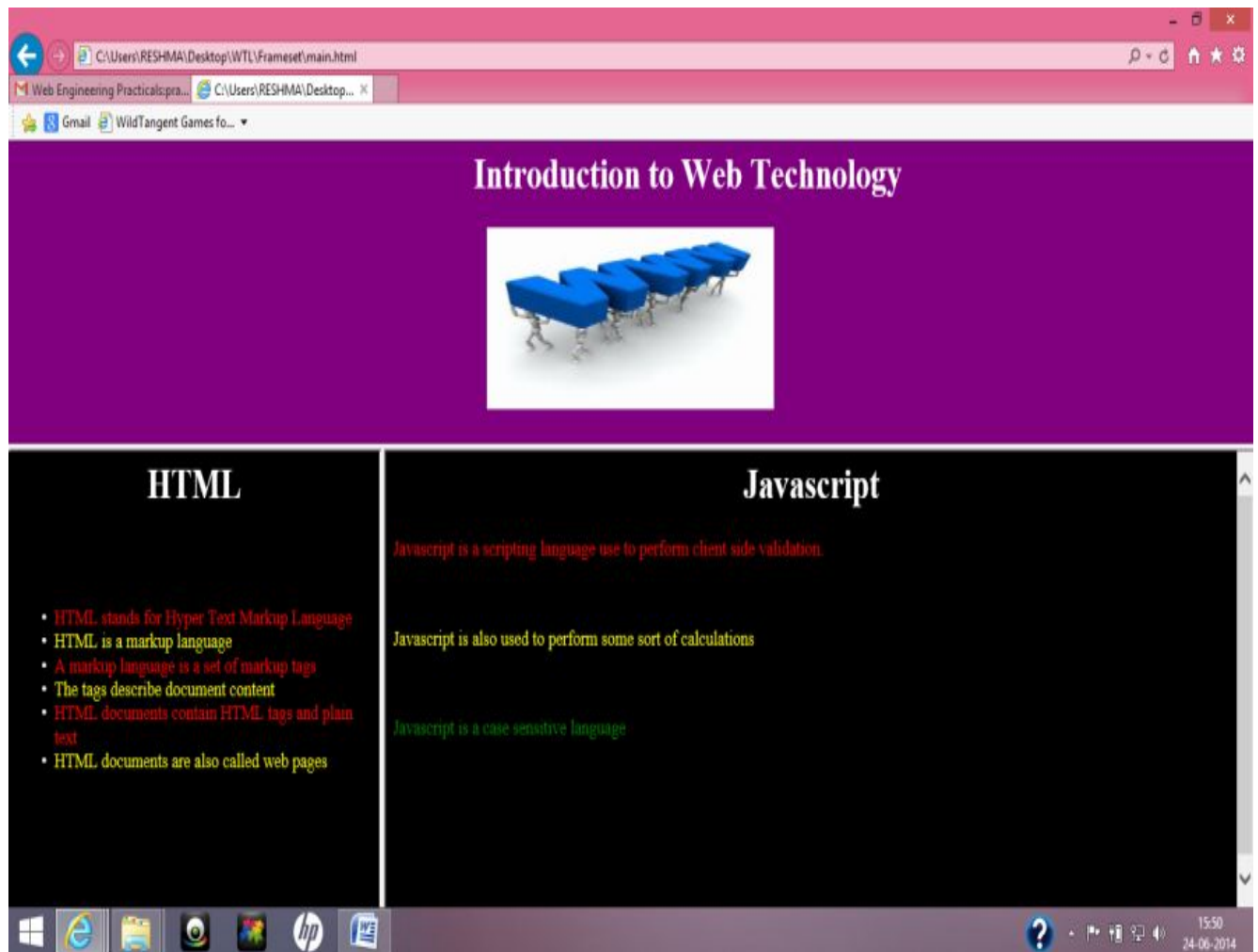
Example of Frameset:**Output:****Source Code:****1. Main.html**

```
<html>
<frameset rows="40%,60%">
<frame src="top.html" name="frame1">
<frameset cols="30%,70%">
<frame src="left.html" name="frame2">
<frame src="right.html" name="frame3">
</frameset>
</frameset>
</html>
```

2. Left.html

```
<html>
<body bgcolor="green" text="black">
<ol>
<li><a href="HTMLIntro.html" target="_self">HTML</a></li>
<li><a href="css.html"> CSS</a></li>
<li><a href="forms.html">HTML Forms</a></li>
<li><a href="javascript.html" target="frame3">JavascriptL</a></li>
</body>
</html>
```





Conclusion:

Here we studied how to run multiple windows simultaneously using frameset.

PART B

(PART B: TO BE COMPLETED BY STUDENTS)

(Students must submit the soft copy as per following segments within two hours of the practical. The soft copy must be uploaded on the Blackboard or emailed to the concerned lab in charge faculties at the end of the practical in case there is no Black board access available)

Roll. No: 50	Name: Amey Thakur
Class: TE-Comps B	Batch: B3
Date of Experiment: 24/07/2020	Date of Submission: 24/07/2020
Grade:	

B.1 Software Code written by student:

(Paste your html code, related to your case study completed during the 2 hours of practical in the lab here)

- **home.html**

```
<html>
```

```
<head> <title>Amey B-50</title> </head>
```

```
<frameset rows="16%, 84%">
```

```
<frame src="title.html" name="title">
```

```
<frameset rows="16%, 84%">
```

```
<frameset cols="33%, 34%, 33%">
```

```
<frame src="index.html" name="index">
```

```
<frame src="galaxy.html" name="galaxy">
```

```
<frame src="about.html" name="about">
```

```
</frameset>
```

```
<frameset cols="80%, 20%">
```

```
<frame src="info.html" name="info">

<frame src="reach.html" name="reach">

</frameset> </frameset> </frameset>

</html>
```

- galaxy.html

```
<html>

<head> <title>Amey B-50</title> </head>

<body bgcolor="#0044ff">

<header>

    <div class="container">

        <nav><center><p> <style>

a:link {

color: #ffffff;

background-color: transparent;

text-decoration: none;

}

a:visited {

color:#ffffff;

background-color: transparent;

text-decoration: none;

}

a:hover {

color: #db0000;

background-color: transparent;

text-decoration: underline;

}

a:active {
```

```
color: #db0000;

background-color: transparent;

text-decoration: underline;

}

</style>

<h1 style="margin-top:40px; font-size:30px; color:#ffffff"><a href="milky.html"
target="_parent">GALAXY</a></h1>

</p></center> </nav></div>

</header>

</body>

</html>
```

- **about.html**

```
<html>

<head> <title>Amey B-50</title> </head>

<body bgcolor="#0044ff">

<header>

<div class="container">

<nav><center><p> <style>

a:link {

color: #ffffff;

background-color: transparent;

text-decoration: none;

}

a:visited {

color:#ffffff;

background-color: transparent;

text-decoration: none;
```

```
}

a:hover {

color: #db0000;

background-color: transparent;

text-decoration: underline;

}

a:active {

color: #db0000;

background-color: transparent;

text-decoration: underline;

}

</style>

<h1 style="margin-top:40px; font-size:30px; color:#ffffff"><a href="map.html"
target="_parent">ABOUT</a></h1>

</p></center> </nav></div>

</header>

</body>

</html>

● index.html

<html>

<head> <title>Amey B-50</title> </head>

<body bgcolor="#0044ff">

<header>

<div class="container">

<nav><center><p> <style>

a:link {

color: #ffffff;
```



```
background-color: transparent;

text-decoration: none;
}

a:visited {

color: #ffffff;

background-color: transparent;

text-decoration: none;
}

a:hover {

color: #db0000;

background-color: transparent;

text-decoration: underline;
}

a:active {

color: #db0000;

background-color: transparent;

text-decoration: underline;
}

</style>

<h1 style="margin-top:40px; font-size:30px; color:#ffffff"><a href="home.html"
target="_parent">HOME</a></h1>

</p></center> </nav></div>

</body>

</html>

● title.html

<html>

<head> <title>Amey B-50</title> </head>
```

```
<body bgcolor="#000000">
```

```
    <center><h1 style="margin-top:40px; font-size:60ps; color:#0044ff">Search Space |
Explore Extent</h1></center>
```

```
</body>
```

```
</html>
```

- reach.html

```
<html>
```

```
<head> <title>Amey B-50</title> </head>
```

```
<body bgcolor="#000000"> <br>
```

```
    <center><h1 style="color:#f70000;"><span class="highlight">Reach
us</span></h1></center>
```

```
    <center> <form class="quote">
```

```
<div> <label>Name</label><br>
```

```
    <input type="text" placeholder="First Name">
```

```
</div>
```

```
<div> <label>Email</label><br>
```

```
    <input type="email" placeholder="Best Email">
```

```
</div>
```

```
<div> <label>Query</label><br>
```

```
    <textarea placeholder="Ask your question..."></textarea>
```

```
</div> <br>
```

```
    <button class="button_1" type="submit">Submit</button>
```

```
</form> </center>
```

```
<footer><br><br>
```

```
    <center><p style="color:#f70000;">Search Space | Explore Extent <br><br> Amey
Thakur <br> TE-Comps B-50</p></center>
```

```
</footer>
```

```
</body> </html>
```

- **map.html**

```
<html>
```

```
<head> <title>Amey B-50</title> </head>
```

```
<body bgcolor="#000000">
```

```
<header> <div class="container"> <div id="branding">
```

```
<center> <h1 style="color:#0044ff">Search <span class="highlight">Space</span> |  
<span class="highlight">Explore</span> Extent</h1> </center>
```

```
</div>
```

```
<nav> <center> <p> style>
```

```
a:link {
```

```
color: #db0000;
```

```
background-color: transparent;
```

```
text-decoration: none;
```

```
}
```

```
a:visited {
```

```
color: #db0000;
```

```
background-color: transparent;
```

```
text-decoration: none;
```

```
}
```

```
a:hover {
```

```
color: #db0000;
```

```
background-color: transparent;
```

```
text-decoration: underline;
```

```
}
```

```
a:active {
```

```
color: #db0000;
```

```
background-color: transparent;
```

```
text-decoration: underline;
}

</style>

<a href="home.html">Home</a>

<a href="filly.html">Galaxy</a>

<a href="about.html" target="_self">About</a>

</p> </center> </nav> </div> </header>

<section id="main"> <div class="container"> <style>

* {

box-sizing: border-box;

}

.col {

float: left;

width: 33.33%;

padding: 5px;

}

.row::after {

content: "";

clear: both;

display: table;

}

div {

border: 1px solid black;

margin-right: 100px;

margin-left: 100px;

background-color: #000000;

}
```

</style>

<article id="main-col"> <div class="col">

<h1 style="color:#0044ff" class="page-title">About Us</h1>

<p style="color:#ffffff">Search Space | Explore Extent Leadership</p>

<p style="color:#ffffff">Search Space is led by Administrator Amey Thakur, Search Space's 1st administrator. Before building Space Search Organisation, Amey served in the NBA, representing Laker's First MVP, serving on the NBA Services Committee and the Science, Space and Technology Committee. Amey's career in Space Research began in the NBA.</p>

<aside id="sidebar">

<h3 style="color:#0044ff">What We do</h3>

<p style="color:#ffffff">

<table border="1">

<tr style="color:#ffffff">

<th>Name</th>

<th>Department</th>

<th>Class</th>

<th>Division</th>

<th>Roll Number</th>

<P style="color:#ffffff">Web Designing Laboratory

Experiment -1 </P>

</tr>

<tr style="color:#db0000">

<td>Amey Thakur</td>

<td>Computer Engineering</td>

<td>Third Year</td>

<td>B</td>

<td>50</td>

</tr>

```
</table>

</p>

</aside>

</div>

</article>

<section id="map">

  <div class="col">

    <h1 style="color:#0044ff" class="page-title">Contact Us</h1>

    <p style="color:#ffffff">

      <strong>Address:</strong>

      <br>Plot No. 12, Sector-22, Opp. Nerul Railway Station,

      <br>Phase-II, Nerul (W), Navi Mumbai 400706.

    </p>

    <p style="color:#ffffff">

      <strong>Phone:</strong>

      <br>100/112

    </p>

    <p><iframe

src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d60348.39629541313
!2d73.016516!3d19.029644!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A0x945916129
1e7ded5!2sTerna%20Engineering%20College!5e0!3m2!1sen!2sin!4v1595193146892!5m2!
1sen!2sin" width="400" height="300" frameborder="0" style="border:0;" allowfullscreen=""
aria-hidden="false" tabindex="0"></iframe></p>

    </div> </section> </div> </section>

<footer> <section id="ft"> <div class="center"> <center>

  <p style="color:#0044ff">Search Space | Explore Extent @ Amey Thakur B-50</p>

</center> </div> </section> </footer>

</body>

</html>
```

- milky.html

```
<html>

<head> <title>Amey B-50</title> </head>

<frameset rows="16%, 84%">

  <frame src="title.html" name="title">

  <frameset rows="16%, 84%">

    <frameset cols="33%, 34%, 33%">

      <frame src="index.html" name="index">

      <frame src="galaxy.html" name="galaxy">

      <frame src="about.html" name="about">

    </frameset>

  </frameset>

  <frameset cols="80%, 20%">

    <frame src="filly.html" name="info">

    <frame src="reach.html" name="reach">

  </frameset> </frameset></frameset>

</html>
```

- info.html

```
<html>

<head> <title>Amey B-50</title> </head>

<body bgcolor="#b8b8b8">

  <section id="col"> <div class="container"> <center> <style>

    * {

      box-sizing: border-box;

    }

    .col {

      float: left;

      width: 33.33%;
```

```
padding: 5px;  
}
```

```
.row::after {  
    content: "";  
    clear: both;  
    display: table;  
}
```

```
</style>
```

```
<div class="col">
```

```

```

```
<h3 style="color:#0044ff">Dark Matter</h3>
```

<p style="color:#d40000">Dark matter is a form of matter thought to account for approximately 85% of the matter in the universe and about a quarter of its total mass–energy density or about 2.241×10^{-27} kg/m³.</p> </div>

```
<div class="col">
```

```

```

```
<h3 style="color:#0044ff">Stars</h3>
```

<p style="color:#d40000">Stars are huge celestial bodies made mostly of hydrogen and helium that produce light and heat from the churning nuclear forges inside their cores. Aside from our sun, the dots of light we see in the sky are all light-years from Earth.</p></div>

```
<div class="col">
```

```

```

```
<h3 style="color:#0044ff">Gas and Dust</h3>
```

<p style="color:#d40000">Much of the space between the stars is filled with atomic and molecular gas (primarily hydrogen and helium) and tiny pieces of solid particles or dust (composed mainly of carbon, silicon and oxygen). </p>

```
</div> </center> </div>
```

```
</section>
```

```
<footer> <center>
```


<p style="color:#0044ff">Search Space | Explore Extent @ Amey Thakur B-50</p>

</center> </footer></body>

</html>

- **filly.html**

<html>

<head> <title>Amey B-50</title> </head>

<body bgcolor="#b8b8b8">

<section id="col"> <div class="container"> <center> <style>

* {

box-sizing: border-box;

}

.col {

float: left;

width: 33.33%;

padding: 5px;

}

.row::after {

content: "";

clear: both;

display: table;

}

</style>

<div class="col">

<h3 style="color:#0044ff">The milky Way</h3>

</div>

<div class="col">

```

<h3 style="color:#0044ff">Planets</h3>

<p
style="color:#d40000"><br><br>Mercury<br><br>Venus<br><br>Earth<br><br>Mars<br><br>
Jupiter<br><br>Saturn<br><br>Uranus<br><br>Neptune</p>

</div>

<div class="col">

  <h3 style="color:#0044ff">The milky Way</h3>

</div> </center> </div> </section>

<footer> <center>

  <p style="color:#0044ff">Search Space | Explore Extent @ Amey Thakur B-50</p>

</center> </footer> </body>

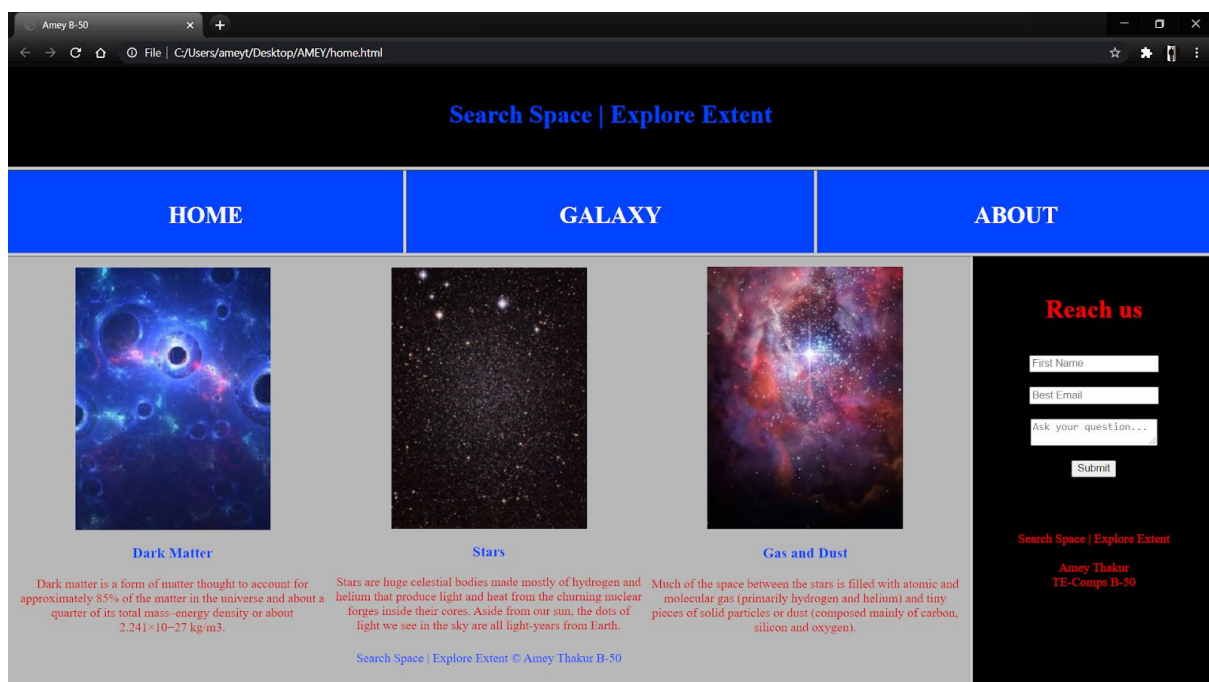
</html>

```

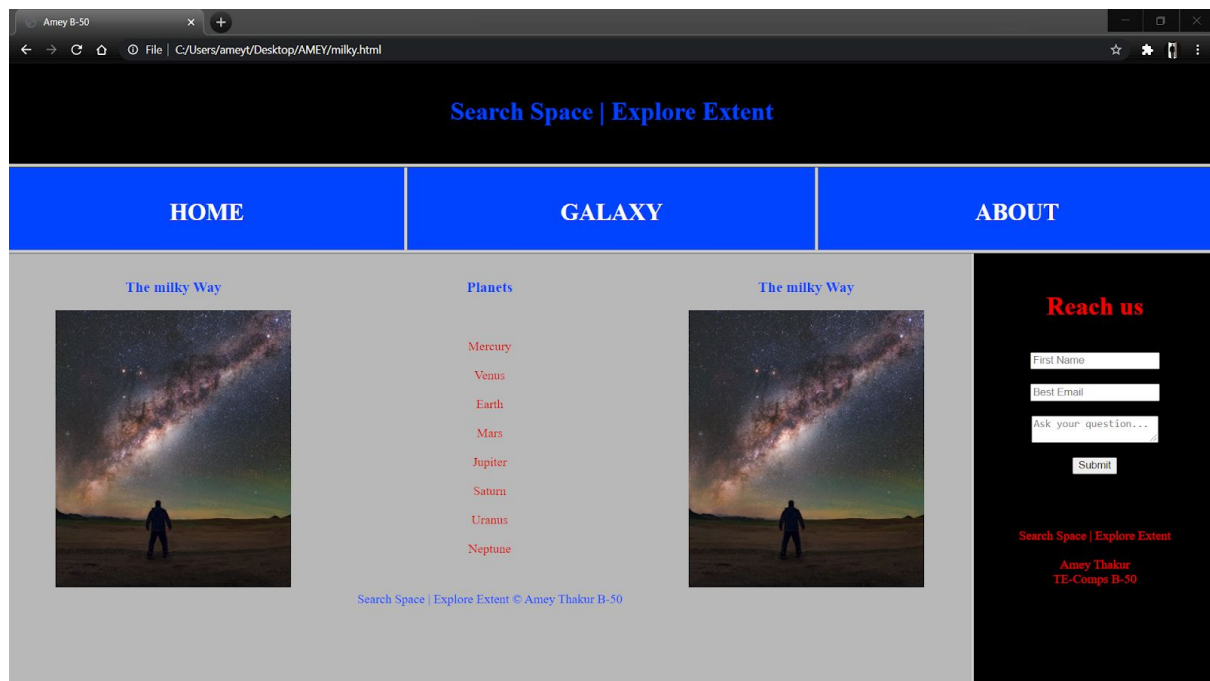
B.2 Input and Output:

(Paste your output that you are getting after running html code in from of screenshots.)

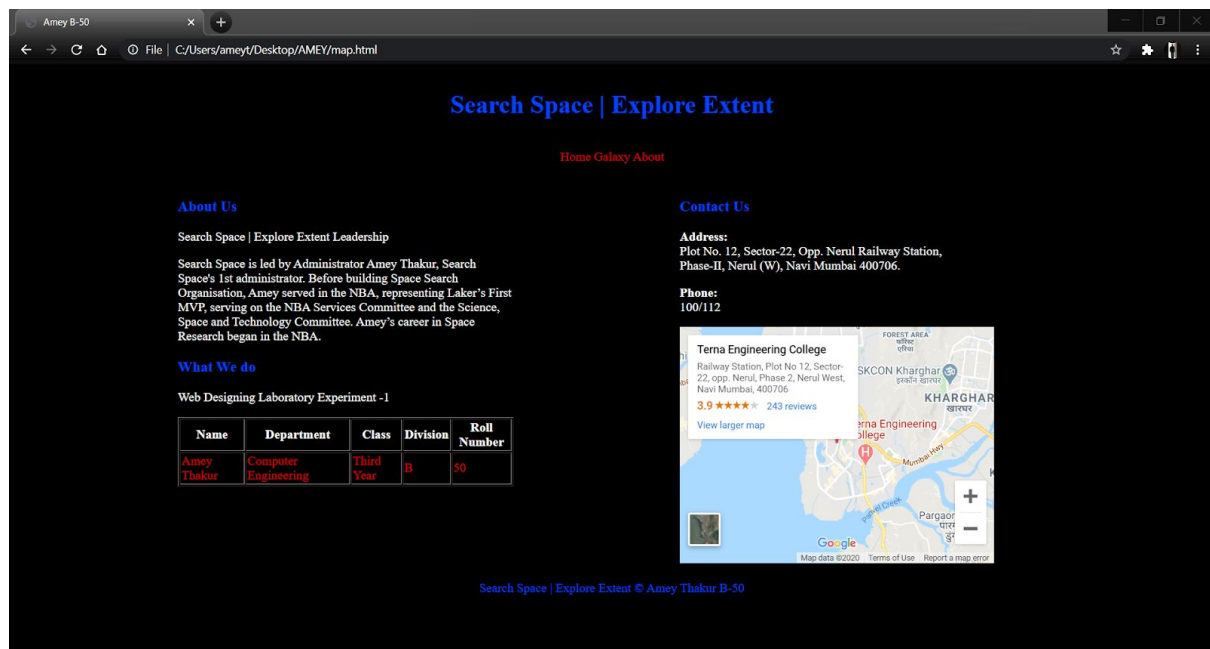
- **home.html**



- galaxy.html



- about.html



B.3 Conclusion:

(Students must write the conclusion as per the attainment of individual outcome)

Learned making a webpage using frame tag and inserting text, images in it. The webpage designed is inserted above.

B.4 Question of Curiosity**1. What are various targets used in frameset? Explain****Ans:**

The target attribute specifies a name or a keyword that indicates where to display the response that is received after submitting the form. The target attribute defines a name of, or keyword for, a browsing context (e.g. tab, window, or inline frame).

Types of targets:

- `_blank`: The linked page opens in the new window.
- `_top`: The linked page opens in the entire window.
- `_self`: The linked page opens in the same frame.
- `_parent`: The linked page opens in the parent frame.

frame name: The linked page opens in the named frame.