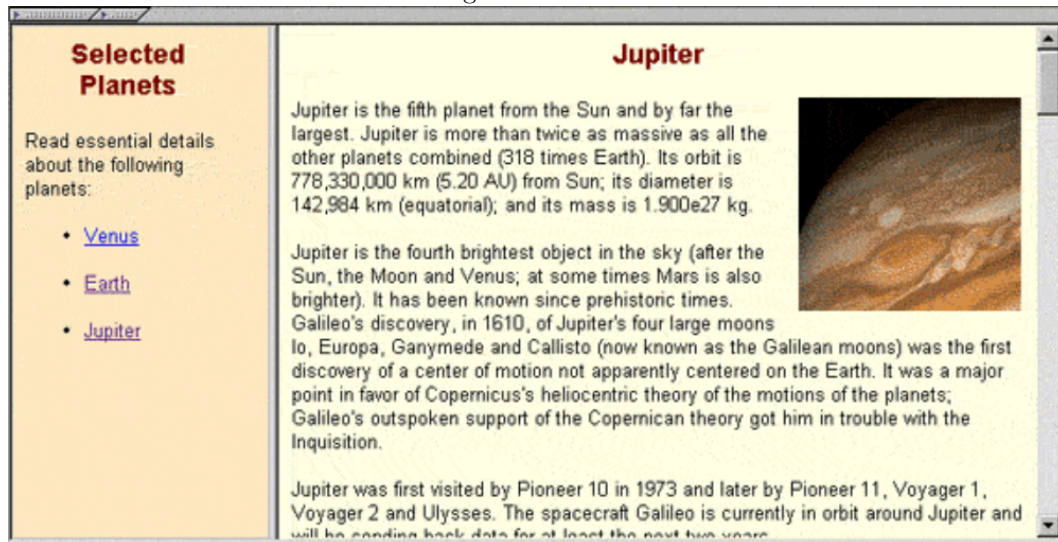


Assignment 2

Question 1

WAP in HTML to implement a frame

Figure 1: Frames



Code

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.
  ↪ dtd">

<html>

<head>
  <meta charset="UTF-8">
  <title>2</title>
</head>

<frameset cols="30%,*">
  <frame name="main" src="11.html" />
  <frame name="side" src="https://en.wikipedia.org/wiki/Jupiter" />
  <noframes>

    <body>Your browser does not support frames.</body>
  </noframes>
</frameset>

</html>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.
  ↪ dtd">
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>2</title>
</head>

<body>
  <h1> Selected Planets </h1>
  <p> Read essential details about the following planets: </p>
  <ul>
    <li><a href="https://en.wikipedia.org/wiki/Venus" target="side">Venus</li>
    <li><a href="https://en.wikipedia.org/wiki/Earth" target="side">Earth</li>
    <li><a href="https://en.wikipedia.org/wiki/Jupiter" target="side">Jupiter</li>
  </ul>
</body>

</html>
```

Output

Selected Planets

Read essential details about the following planets:

- Venus
- Earth
- Jupiter

Not logged in

- Talk
- Contributions
- Create account
- Log in

Article

Talk

Read

View source

View history

Search Wikipedia

Jupiter

From Wikipedia, the free encyclopedia

*This article is about the planet. For the Roman god, see **Jupiter (mythology)**. For other uses, see **Jupiter (disambiguation)**.*

Jupiter is the fifth **planet** from the **Sun** and the **largest in the Solar System**. It is a **gas giant** with a **mass** more than two and a half times that of all the other planets in the **Solar System** combined, but slightly less than one-thousandth the mass of the Sun. Jupiter is the third brightest natural object in the **Earth's** night sky after the **Moon** and **Venus**. People have been observing it since **prehistoric times**; it was named after the **Roman god Jupiter**, the king of the gods.

Jupiter is primarily composed of **hydrogen**, but **helium** constitutes one-quarter of its mass and one-tenth of its volume. It likely has a rocky core of heavier elements,^[*6*] but, like the other **giant planets**, Jupiter lacks a well-defined solid surface. The ongoing contraction of its interior generates heat greater than the amount received from the Sun. Because of its rapid rotation, the planet's shape is an **oblate spheroid**; it has a slight but noticeable bulge around the equator. The outer atmosphere is visibly segregated into several bands at different latitudes, with turbulence and storms along their interacting boundaries. A prominent result of this is the **Great Red Spot**, a giant

Jupiter ♃

Full disk view in natural color, taken by the Hubble Space Telescope in April 2014^[a]

Pronunciation	/ˈdʒuːptər/ ⓘ (listen) ^[1]
Named after	Jupiter
Adjectives	Jovian / dʒoʊvɪən/

Question 2

WAP in HTML to implement a table.

Figure 2: Table

Day	Seminar		
	Schedule		Topic
	Begin	End	
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity: DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 p.m.	
	2:00 p.m.	5:00 p.m.	XSL Transformations
Wednesday	8:00 a.m.	12:00 p.m.	XSL Formatting Objects

Code

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>1</title>
</head>

<body>
  <table border="1">
    <thead>
      <tr>
        <th rowspan="3">Day</th>
        <th colspan="3">Seminar</th>
      </tr>
      <tr>
        <th colspan="2">Schedule</th>
        <th rowspan="2">Title</th>
      </tr>
      <tr>
        <th>Begin</th>
        <th>End</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td rowspan="2">Monday</td>
        <td rowspan="2">8:00 a.m.</td>
        <td rowspan="2">5:00 p.m.</td>
        <td>Introduction to XML</td>
      </tr>
      <tr>
        <td>Validity: DTD and Relax NG</td>
      </tr>
      <tr>
        <td rowspan="6">Tuesday</td>
        <td rowspan="2">8:00 a.m.</td>
        <td rowspan="2">11:00 a.m.</td>
        <td rowspan="3">XPath</td>
      </tr>
      <tr>
      </tr>
      <tr>
      </tr>
      <tr>
        <td rowspan="2">11:00 a.m.</td>
        <td rowspan="2">2:00 p.m.</td>
      </tr>
      <tr>
        <td rowspan="3">XSL Transformations</td>
      </tr>
      <tr>
        <td rowspan="2">2:00 p.m.</td>
        <td rowspan="2">5:00 p.m.</td>
      </tr>
      <tr>
      </tr>
    </tbody>
  </table>
```

```
        </tr>
        <tr>
            <td>Wednesday</td>
            <td>8:00 a.m.</td>
            <td>12:00 p.m.</td>
            <td>XSL Formatting objects</td>
        </tr>
    </tbody>
</table>
</body>

</html>
```

Output

Day	Seminar		
	Schedule		Title
	Begin	End	
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity: DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 p.m.	XSL Transformations
	2:00 p.m.	5:00 p.m.	
Wednesday	8:00 a.m.	12:00 p.m.	XSL Formatting objects