### **Basic HTML**

Create a web page called index.html that looks like this:



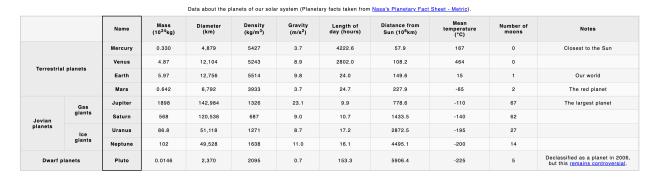
### **▼** Solution

```
<h1>
   COMS10012 Software Tools
 </h1>
 >
  <strong>
    This unit teaches you the basics of web development
   </strong>
 <h2>
    Content
 </h2>
 >
    Content ins a combination of video lectueres and read
    from the
    <em>
      Mozilla Developer Network.
    </em>
 >
  You can find the unit page
  <a href= "https://cs-uob.github.io/COMSM0085/exercises,"</pre>
  on github.
  </a>
 <h2>
    Learning Outcomes
 </h2>
<u1>
 <1i>>
    HTML
```

## Structuring planet data

• Create a table that looks like this in HTML:

#### Planets data



▼ Use the following CSS styles code:

```
html {
  font-family: sans-serif;
}

table {
  border-collapse: collapse;
```

```
border: 2px solid rgb(200,200,200);
  letter-spacing: 1px;
  font-size: 0.8rem;
}
td, th {
  border: 1px solid rgb(190,190,190);
  padding: 10px 20px;
}
th {
  background-color: rgb(235,235,235);
}
td {
  text-align: center;
tr:nth-child(even) td {
  background-color: rgb(250, 250, 250);
}
tr:nth-child(odd) td {
  background-color: rgb(245,245,245);
caption {
  padding: 10px;
```

### **▼** Solution:

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

```
<!-- The document type declaration specifies this as an HTM
     The <html> element is set to use English (United State
<head>
  <!-- The <head> section contains meta-information about
  <meta charset="utf-8">
  <!-- This meta tag specifies the character encoding for
  <meta name="viewport" content="width=device-width">
  <!-- This viewport tag sets the width of the layout view
  <title>Planetary Data</title>
  <!-- The <title> tag sets the page's title, shown in the
  <link href="minimal-table.css" rel="stylesheet" type="text")</pre>
  <!-- This link tag links an external CSS file for styling
</head>
<body>
  <!-- The <body> tag contains the content of the HTML doci
  <h1>
    Planets Data
  </h1>
  <!-- An <h1> heading that provides a title for the data |
  <!-- The <table> element creates a table. -->
    <caption>
      Data about the planets of our solar system (Planetary
    </caption>
    <!-- The <caption> provides a title for the table, which
    <colqroup>
      <col span="2">
      <col style="border: 2px solid black">
      <col span="9">
    </colgroup>
    <!-- The <colgroup> element groups columns for formatt:
    <thead>
```

```
<!-- The <thead> element contains header content for
  <!-- The <tr> element defines a row in the table.
    
   <!-- Empty table data cells spanning two columns, i
   Name
   Mass <br> (10<sup>24</sup>kg)
   Diameter <br> (km)
 Density <br> (kg/m<sup>3</sup>) 
  Gravity <br> (m/s<sup>2</sup>) 
  Length of day <br> (hours) 
  Distance from the Sun <br > (10 <sup>)
  Mean temperature <br> (<sup>o</sup>C)
  Number of moons 
  Notes 
 </thead>
Terestr:
  Mercuary
  0.330
  4,879
  5, 427
  3.7
  4222.6
  57.9
  167
  0
  Closest to the Sun
```

```
Venus
4.87
12,104
5243
8.9
2802.0
108.2
464
0
 
Earth
5.97
12,756
5514
9.8
24.0
149.6
15
1
The Best Planet
Mars
0.62
6792
3933
3.7
24.7
227.9
-65
2
```

```
The Red Planet
Jovian |
Gas giai
Jupitar
1898
6792
3933
3.7
24.7
227.9
-65
2
The Largest Planet
Saturn
568
6792
3933
3.7
24.7
227.9
-65
2
 
Ice giai
Uranus
86.8
6792
```

```
3933
3.7
24.7
227.9
-65
2
 
Neptue
102
6792
3933
3.7
24.7
227.9
-65
2
 
Dwarf Planets
Pluto
6792
3933
3.7
24.7
227.9
-65
-222
5
Declassified as a planet in 2006 but this <a href=
```

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

# Templating