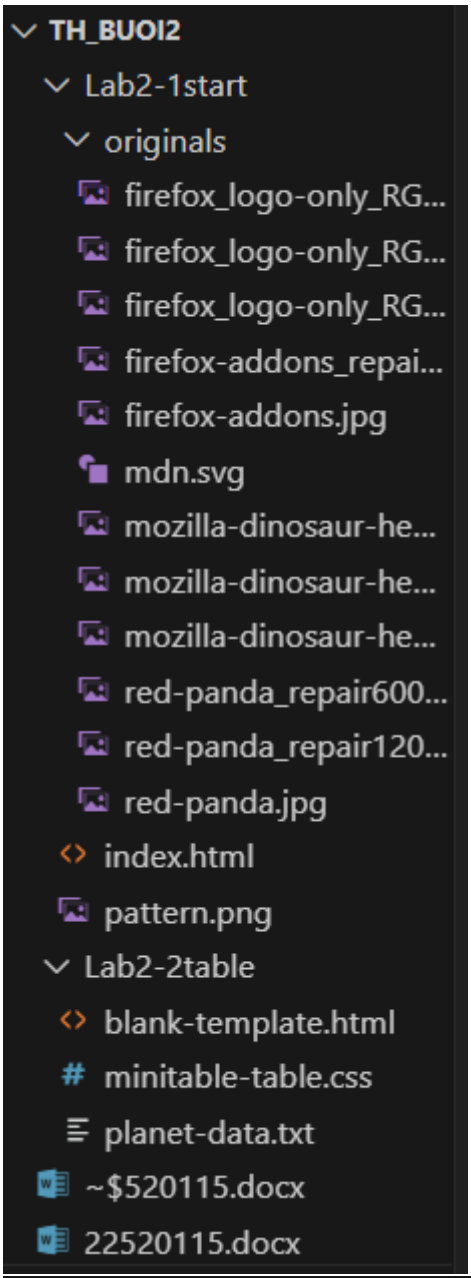
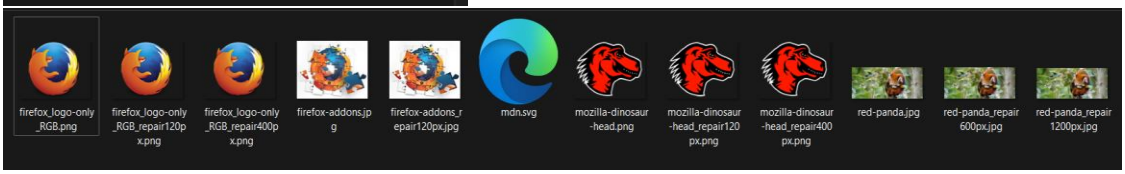
BTTH SỐ 2

1. Đồ họa
    a. Chuẩn bị hình ảnh





    b. Thêm logo vào phần tiêu đề (header)

```html
<header>
  <h1>Mozilla</h1>
  <!-- 22520115 insert <img> element, link to the small
       version of the Firefox logo -->
  <img src="originals\firefox_logo-only_RGB_repair120px.png" alt="firefox logo">
</header>
```

Mozilla

c. Thêm video vào phần nội dung chính (phần main article content)

```html
<!--22520115 insert iframe from youtube -->
<iframe width="400px" height="225px" src="https://www.youtube.com/embed/ojcNcvb1olg?si=41sAEKNos6lymtUX?autoplay=1" title="YouTube video player"
```

d. Thêm hình ảnh đáp ứng (responsive) vào các liên kết thông tin khác

```html
div class="further-info">
 <!-- 22520115 insert images with srcsets and sizes -->
 <a href="https://www.mozilla.org/en-US/firefox/new/">
   <img src="originals/firefox_logo-only_RGB.png" srcset="originals/firefox_logo-only_RGB_repair120px.png 120w, originals/firefox_logo-only_RGB_re
 </a>
 <a href="https://www.mozilla.org/">
   <img src="originals/mozilla-dinosaur-head.png" srcset="originals/mozilla-dinosaur-head_repair120px.png 120w, originals/mozilla-dinosaur-head_re
 </a>
 <a href="https://addons.mozilla.org/">
   <img src="originals/firefox-addons_.jpg" srcset="originals/firefox-addons_repair120px.jpg 120w, originals/firefox-addons.jpg 400w" sizes="(max-
 </a>
 <a href="https://developer.mozilla.org/en-US/">
   <img src="originals/mdn.svg" sizes="(max-width: 500px) 120px, 400px" alt="firefox logo">
 </a>
 <div class="clearfix"></div>
/div>
```

e. Hình con gấu trúc đỏ

```
div class="red-panda">
 <!--22520115 insert picture element -->
 <picture>
   <source media="(max-width: 600px)" srcset="originals/red-panda_repair600px.jpg">
   <source media="(min-width: 601px)" srcset="originals/red-panda_repair1200px.jpg">
   <img src="originals/red-panda.jpg" alt="A Panda">
 </picture>
/div>

ain>
```

2. Bảng
   a. Mở tập tin blank-template.html, bắt đầu tạo bảng bằng cách thêm vùng chứa table bên ngoài, thêm tiêu đề (header) bảng và phần thân (body) bảng. Bạn không cần chân bảng (footer) cho bài tập này.

```
<!--22520115-->
<table border="1">
    <caption>Data about the planets of our solar system (Planetary facts taken from <a
        href="http://nssdc.gsfc.nasa.gov/planetary/factsheet/">Nasa's Planetary Fact
        Sheet - Metric</a>).</caption>
    <thead>
        <tr>
            <th colspan="2" ></th>
            <th scope="col" scope="row" id="Name" style="border-top: 3px solid ☐black; border-left: 3px solid ☐black; border-right: 3px
            <th scope="col" id="Mass">Mass (10<sup>24</sup>kg)</th>
            <th scope="col" id="Diameter">Diameter (km)</th>
            <th scope="col" id="Density">Density (kg/m<sup>3</sup>) </th>
            <th scope="col" id="Gravity">Gravity (m/s<sup>2</sup>)</th>
            <th scope="col" id="Length of day">Length of day (hours) </th>
            <th scope="col" id="Distance from sun">Distance from Sun (10<sup>6</sup>km)</th>
            <th scope="col" id="Mean temperature">Mean temperature (°C)</th>
            <th scope="col" id="Number of moons">Number of moons</th>
            <th scope="col" id="Notes">Notes</th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <th rowspan="4" colspan="2">Terrestrial planets</th>
            <th scope="row" headers="Name" style="border-left: 3px solid ☐black; border-right: 3px solid ☐black;">Mercury</th>
            <td headers="Mass">0.330</td>
            <td headers="Diameter">4,879</td>
            <td headers="Density">5427</td>
            <td headers="Gravity">3.7</td>
            <td headers="Length of day">4222.6</td>
            <td headers="Distance from sun">57.9</td>
            <td headers="Mean temperature">167</td>
            <td headers="Number if moons">0</td>
            <td headers="Notes">Closest to the Sun</td>
        </tr>
        <tr>
```

Data about the planets of our solar system (Planetary facts taken from Nasa's Planetary Fact Sheet - Metric)

		Name	Mass (10^{24}kg)	Diameter (km)	Density (kg/m^3)	Gravity (m/s^2)	Length of day (hours)	Distance from Sun (10^6km)	Mean temperature (°C)	Number of moons	Notes
Terrestrial planets		Mercury	0.330	4,879	5427	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	Our world
		Mars	0.642	6,792	3933	3.7	24.7	227.9	-65	2	The red planet
Jovian planets	Gas giants	Jupiter	1898	142,984	1326	23.1	9.9	778.6	-110	67	The largest planet
		Saturn	568	120,536	687	9.0	10.7	1433.5	-140	62	
	Ice giants	Uranus	86.8	51,118	1271	8.7	17.2	2872.5	-195	27	
		Neptune	102	49,528	1638	11.0	16.1	4495.1	-200	14	
Dwarf planets		Pluto	0.0146	2,370	2095	0.7	153.3	5906.4	-225	5	Declassified as a planet in 2006, but this remains controversial

b. Thêm phần đầu đề (caption) vào bảng

```
<!--22520115-->
<caption>Data about the planets of our solar system (Planetary facts taken from <a
    href="http://nssdc.gsfc.nasa.gov/planetary/factsheet/">Nasa's Planetary Fact
    Sheet - Metric</a>).</caption>
```

Data about the planets of our solar system (Planetary facts taken from Nasa's Planetary Fact Sheet - Metric).

c. Thêm dòng (row) cho phần tiêu đề bảng, chứa tất cả các cột tiêu đề

```
<!--22520115-->
<tr>
    <th colspan="2" ></th>
    <th scope="col" scope="row" id="Name" style="border-top: 3px solid ☐black; border-left: 3px solid ☐black; border-right: 3px
    <th scope="col" id="Mass">Mass (10<sup>24</sup>kg)</th>
    <th scope="col" id="Diameter">Diameter (km)</th>
    <th scope="col" id="Density">Density (kg/m<sup>3</sup>) </th>
    <th scope="col" id="Gravity">Gravity (m/s<sup>2</sup>)</th>
    <th scope="col" id="Length of day">Length of day (hours) </th>
    <th scope="col" id="Distance from sun">Distance from Sun (10<sup>6</sup>km)</th>
    <th scope="col" id="Mean temperature">Mean temperature (°C)</th>
    <th scope="col" id="Number of moons">Number of moons</th>
    <th scope="col" id="Notes">Notes</th>
</tr>
```

	Name	Mass (10^{24}kg)	Diameter (km)	Density (kg/m^3)	Gravity (m/s^2)	Length of day (hours)	Distance from Sun (10^6km)	Mean temperature (°C)	Number of moons	Notes

d. Tạo tất cả các dòng còn lại vào bảng, nhớ hãy biến tất cả các tiêu đề theo dòng thành tiêu đề dạng ngữ nghĩa

```
<!--22520115-->
<tr>
    <th rowspan="4" colspan="2">Terrestrial planets</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Mercury</th>
    <td headers="Mass">0.330</td>
    <td headers="Diameter">4,879</td>
    <td headers="Density">5427</td>
    <td headers="Gravity">3.7</td>
    <td headers="Length of day">4222.6</td>
    <td headers="Distance from sun">57.9</td>
    <td headers="Mean temperature">167</td>
    <td headers="Number if moons">0</td>
    <td headers="Notes">Closest to the Sun</td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Venus</th>
    <td headers="Mass">4.87</td>
    <td headers="Diameter">12,104</td>
    <td headers="Density">5243</td>
    <td headers="Gravity">8.9</td>
    <td headers="Length of day">2802.0</td>
    <td headers="Distance from sun">108.2</td>
    <td headers="Mean temperature">464</td>
    <td headers="Number if moons">0</td>
    <td headers="Notes"></td>
</tr>
```

```
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Earth</th>
    <td headers="Mass">5.97</td>
    <td headers="Diameter">12,756</td>
    <td headers="Density">5514</td>
    <td headers="Gravity">9.8</td>
    <td headers="Length of day">24.0</td>
    <td headers="Distance from sun">149.6</td>
    <td headers="Mean temperature">15</td>
    <td headers="Number if moons">1</td>
    <td headers="Notes">Our world</td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Mars</th>
    <td headers="Mass">0.642</td>
    <td headers="Diameter">6,792</td>
    <td headers="Density">3933</td>
    <td headers="Gravity">3.7</td>
    <td headers="Length of day">24.7</td>
    <td headers="Distance from sun">227.9</td>
    <td headers="Mean temperature">-65</td>
    <td headers="Number if moons">2</td>
    <td headers="Notes">The red planet</td>
</tr>
```

```
<!--22520115-->
<tr>
    <th rowspan="4">Jovian planets</th>
    <th rowspan="2">Gas giants</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Jupiter</th>
    <td headers="Mass">1898</td>
    <td headers="Diameter">142,984</td>
    <td headers="Density">1326</td>
    <td headers="Gravity">23.1</td>
    <td headers="Length of day">9.9</td>
    <td headers="Distance from sun">778.6</td>
    <td headers="Mean temperature">-110</td>
    <td headers="Number if moons">67</td>
    <td headers="Notes">The largest planet</td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Saturn</th>
    <td headers="Mass">568</td>
    <td headers="Diameter">120,536</td>
    <td headers="Density">687</td>
    <td headers="Gravity">9.0</td>
    <td headers="Length of day">10.7</td>
    <td headers="Distance from sun">1433.5</td>
    <td headers="Mean temperature">-140</td>
    <td headers="Number if moons">62</td>
    <td headers="Notes"></td>
</tr>
```

```
<!--22520115-->
<tr>
    <th rowspan="2">Ice giants</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Uranus</th>
    <td headers="Mass">86.8</td>
    <td headers="Diameter">51,118</td>
    <td headers="Density">1271</td>
    <td headers="Gravity">8.7</td>
    <td headers="Length of day">17.2</td>
    <td headers="Distance from sun">2872.5</td>
    <td headers="Mean temperature">-195</td>
    <td headers="Number if moons">27</td>
    <td headers="Notes"></td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Neptune</th>
    <td headers="Mass">102</td>
    <td headers="Diameter">49,528</td>
    <td headers="Density">1638</td>
    <td headers="Gravity">11.0</td>
    <td headers="Length of day">16.1</td>
    <td headers="Distance from sun">4495.1</td>
    <td headers="Mean temperature">-200</td>
    <td headers="Number if moons">14</td>
    <td headers="Notes"></td>
</tr>
```

```
<!--22520115-->
<tr>
    <th colspan="2">Dwarf planets</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black; border-bottom: 3px soli
    <td headers="Mass">0.0146</td>
    <td headers="Diameter">2,370</td>
    <td headers="Density">2095</td>
    <td headers="Gravity">0.7</td>
    <td headers="Length of day">153.3</td>
    <td headers="Distance from sun">5906.4</td>
    <td headers="Mean temperature">-225</td>
    <td headers="Number if moons">5</td>
    <td headers="Notes">Declassified as a planet in
        2006, but this <a href="http://www.usatoday.com/story/tech/2014/10/02/pluto-
        planet-solar-system/16578959/">remains controversial</a>.</td>
</tr>
```

Terrestrial planets		Mercury	0.330	4,879	5427	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	Our world
		Mars	0.642	6,792	3933	3.7	24.7	227.9	-65	2	The red planet
Jovian planets	Gas giants	Jupiter	1898	142,984	1326	23.1	9.9	778.6	-110	67	The largest planet
		Saturn	568	120,536	687	9.0	10.7	1433.5	-140	62	
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		Neptune	102	49,528	1638	11.0	16.1	4495.1	-200	14	
Dwarf planets		Pluto	0.0146	2,370	2095	0.7	153.3	5906.4	-225	5	Declassified as a planet in 2006, but this remains controversial

e. Đảm bảo tất cả dữ liệu đặt đúng vị trí ô của nó, mỗi hàng dữ liệu hành tinh được hiển thị bên cạnh hành tinh liên kết với nó.
   i. Tất cả các hàng và các cột đúng với bảng mẫu

Data about the planets of our solar system (Planetary facts taken from Nasa's Planetary Fact Sheet - Metric).

		Name	Mass (10^{24}kg)	Diameter (km)	Density (kg/m^3)	Gravity (m/s^2)	Length of day (hours)	Distance from Sun (10^6km)	Mean temperature (°C)	Number of moons	Notes
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		Neptune	102	49,528	1638	11.0	16.1	4495.1	-200	14	
Dwarf planets		Pluto	0.0146	2,370	2095	0.7	153.3	5906.4	-225	5	Declassified as a planet in 2006, but this remains controversial

f. Thêm các thuộc tính để làm cho các dòng và cột tiêu đề được liên kết rõ ràng với các hàng (rows), cột (columns) hoặc nhóm hàng (rowgroups) mà chúng đang đóng vai trò tiêu đề + Thêm boder bao quanh cột chứa các tên hành tinh

```
<!--22520115-->
<tr>
    <th colspan="2" ></th>
    <th scope="col" scope="row" id="Name" style="border-top: 3px solid black; border-left: 3px solid black; border-right:
    <th scope="col" id="Mass">Mass (10<sup>24</sup>kg)</th>
    <th scope="col" id="Diameter">Diameter (km)</th>
    <th scope="col" id="Density">Density (kg/m<sup>3</sup>) </th>
    <th scope="col" id="Gravity">Gravity (m/s<sup>2</sup>)</th>
    <th scope="col" id="Length of day">Length of day (hours) </th>
    <th scope="col" id="Distance from sun">Distance from Sun (10<sup>6</sup>km)</th>
    <th scope="col" id="Mean temperature">Mean temperature (°C)</th>
    <th scope="col" id="Number of moons">Number of moons</th>
    <th scope="col" id="Notes">Notes</th>
</tr>
```

```
<!--22520115-->
<tr>
    <th rowspan="4" colspan="2">Terrestrial planets</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Mercury</t
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    <td headers="Notes">Closest to the Sun</td>
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    <td headers="Gravity">8.9</td>
    <td headers="Length of day">2802.0</td>
    <td headers="Distance from sun">108.2</td>
    <td headers="Mean temperature">464</td>
    <td headers="Number if moons">0</td>
    <td headers="Notes"></td>
</tr>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Earth</th>
    <td headers="Mass">5.97</td>
    <td headers="Diameter">12,756</td>
    <td headers="Density">5514</td>
    <td headers="Gravity">9.8</td>
    <td headers="Length of day">24.0</td>
    <td headers="Distance from sun">149.6</td>
    <td headers="Mean temperature">15</td>
    <td headers="Number if moons">1</td>
    <td headers="Notes">Our world</td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Mars</th>
    <td headers="Mass">0.642</td>
    <td headers="Diameter">6,792</td>
    <td headers="Density">3933</td>
    <td headers="Gravity">3.7</td>
    <td headers="Length of day">24.7</td>
    <td headers="Distance from sun">227.9</td>
    <td headers="Mean temperature">-65</td>
    <td headers="Number if moons">2</td>
    <td headers="Notes">The red planet</td>
</tr>
<!--22520115-->
<tr>
```

```
<!--22520115-->
<tr>
    <th rowspan="4">Jovian planets</th>
    <th rowspan="2">Gas giants</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Jupiter</th>
    <td headers="Mass">1898</td>
    <td headers="Diameter">142,984</td>
    <td headers="Density">1326</td>
    <td headers="Gravity">23.1</td>
    <td headers="Length of day">9.9</td>
    <td headers="Distance from sun">778.6</td>
    <td headers="Mean temperature">-110</td>
    <td headers="Number if moons">67</td>
    <td headers="Notes">The largest planet</td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Saturn</th>
    <td headers="Mass">568</td>
    <td headers="Diameter">120,536</td>
    <td headers="Density">687</td>
    <td headers="Gravity">9.0</td>
    <td headers="Length of day">10.7</td>
    <td headers="Distance from sun">1433.5</td>
    <td headers="Mean temperature">-140</td>
    <td headers="Number if moons">62</td>
    <td headers="Notes"></td>
</tr>
<!--22520115-->
```

```
<!--22520115-->
<tr>
    <th rowspan="2">Ice giants</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Uranus</th>
    <td headers="Mass">86.8</td>
    <td headers="Diameter">51,118</td>
    <td headers="Density">1271</td>
    <td headers="Gravity">8.7</td>
    <td headers="Length of day">17.2</td>
    <td headers="Distance from sun">2872.5</td>
    <td headers="Mean temperature">-195</td>
    <td headers="Number if moons">27</td>
    <td headers="Notes"></td>
</tr>
<!--22520115-->
<tr>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black;">Neptune</th>
    <td headers="Mass">102</td>
    <td headers="Diameter">49,528</td>
    <td headers="Density">1638</td>
    <td headers="Gravity">11.0</td>
    <td headers="Length of day">16.1</td>
    <td headers="Distance from sun">4495.1</td>
    <td headers="Mean temperature">-200</td>
    <td headers="Number if moons">14</td>
    <td headers="Notes"></td>
</tr>
<!--22520115-->
```

```
<!--22520115-->
<tr>
    <th colspan="2">Dwarf planets</th>
    <th scope="row" headers="Name" style="border-left: 3px solid black; border-right: 3px solid black; border-bottom: 3px soli
    <td headers="Mass">0.0146</td>
    <td headers="Diameter">2,370</td>
    <td headers="Density">2095</td>
    <td headers="Gravity">0.7</td>
    <td headers="Length of day">153.3</td>
    <td headers="Distance from sun">5906.4</td>
    <td headers="Mean temperature">-225</td>
    <td headers="Number if moons">5</td>
    <td headers="Notes">Declassified as a planet in
        2006, but this <a href="http://www.usatoday.com/story/tech/2014/10/02/pluto-
        planet-solar-system/16578959/">remains controversial</a>.</td>
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Data about the planets of our Solar System (Planetary fact sheet - metric).

		Name	Mass (10^{24}kg)	Diameter (km)	Density (kg/m^3)	Gravity (m/s^2)	Length of day (hours)	Distance from Sun (10^6km)	Mean temperature (°C)	Number of moons	Notes
Terrestrial planets		Mercury	0.330	4,879	5427	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	Our world
		Mars	0.642	6,792	3933	3.7	24.7	227.9	-65	2	The red planet
Jovian planets	Gas giants	Jupiter	1898	142,984	1326	23.1	9.9	778.6	-110	67	The largest planet
		Saturn	568	120,536	687	9.0	10.7	1433.5	-140	62	
	Ice giants	Uranus	86.8	51,118	1271	8.7	17.2	2872.5	-195	27	
		Neptune	102	49,528	1638	11.0	16.1	4495.1	-200	14	
Dwarf planets		Pluto	0.0146	2,370	2095	0.7	153.3	5906.4	-225	5	Declassified as a planet in 2006, but this remains controversial