

Lab 2 - Assignment on mapping - Solar system

Use the following information to create a XHTML page with mapping tags.

Use `img`, `map`, `area` tags with all necessary attributes (`src`, `alt`, `width`, `title`, `height`, `usemap`, `href`, `style`, `float`, etc) to better represent the information for each planet.

Here is some information that you can use; then, you have to search on Internet for more:

Sun: `temperature`: 5800 `K` (surface) 15,600,000 `K` (core); `diameter`: 1,390,000 `km`.

Mercury: `orbit`: 57,910,000 `km` (0.38 `AU`) from `Sun`; `diameter`: 4,880 `km`

Venus: `orbit`: 108,200,000 `km` (0.72 `AU`) from `Sun`; `diameter`: 12,103.6 `km`

Earth: `orbit`: 149,600,000 `km` (1.00 `AU`) from `Sun`; `diameter`: 12,756.3 `km`

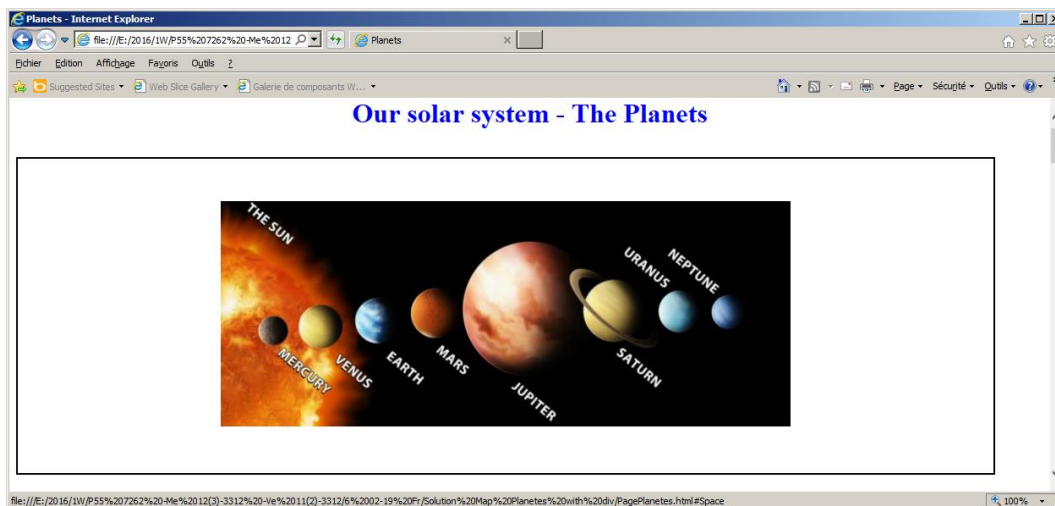
Mars: `orbit`: 227,940,000 `km` (1.52 `AU`) from `Sun`; `diameter`: 6,794 `km`

Jupiter: `orbit`: 778,330,000 `km` (5.20 `AU`) from `Sun`; `diameter`: 142,984 `km` (equatorial)

Saturn: `orbit`: 1,429,400,000 `km` (9.54 `AU`) from `Sun`; `diameter`: 120,536 `km` (equatorial)

Uranus: `orbit`: 2,870,990,000 `km` (19.218 `AU`) from `Sun`; `diameter`: 51,118 `km` (equatorial)

Neptune: `orbit`: 4,504,000,000 `km` (30.06 `AU`) from `Sun`; `diameter`: 49,532 `km` (equatorial)



Here are some coordinates to use for mapping each planet (the biggest size at the end).

```

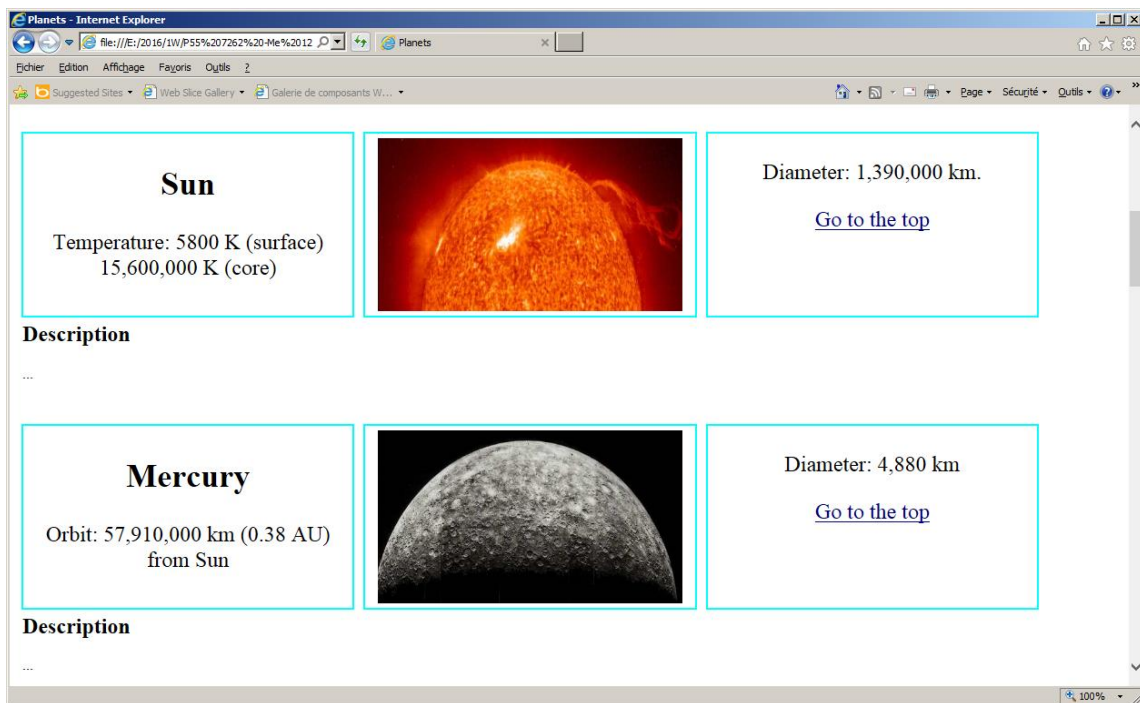
<map name="planetmap">
  <area shape="circle" coords="62,153,16" alt="Mercury" href="#Merc"...>
  <area shape="circle" coords="115,148,25" alt="Venus" ...>
  <area shape="circle" coords="188,144,28" alt="Earth" ...>
  <area shape="circle" coords="253,131,28" alt="Mars" ...>
  <area shape="circle" coords="353,125,75" alt="Jupiter" ...>
  <area shape="circle" coords="465,130,38" alt="Saturn" ...>
  <area shape="circle" coords="541,130,23" alt="Uranus" ...>
  <area shape="circle" coords="598,130,17" alt="Neptune" ...>
  <area shape="circle" coords="353,125,75" alt="Jupiter" ...>
  <area shape="circle" coords="0,190,132" alt="Sun" ...>
  <area shape="rect" coords="0,0,250,250" alt="Space" ...>
</map>
```

420-DW2-AS – Web Client Development (client side)

All the information is on one web page (use div and internal links). By clicking on planet, use internal links to display the information on that planet.

Format the page with three div tags of cyan color (don't overpass the 100% of the page width) the name of the planet and the information will be centered into the first div, the image of the planet will be on the center and the diameter, and the link (internal) will be centered into the right div.

Add a paragraph with description (from your search) under each planet presentation before working on the next planet.



Add all the information to your web site, images into **imgs** folder, html page under **pages** folder and css file under **css** folder.

Validate all your new added files, correct them, if necessary, compress the folder of you web site and submitted on LEA before time limit.

Thank you.