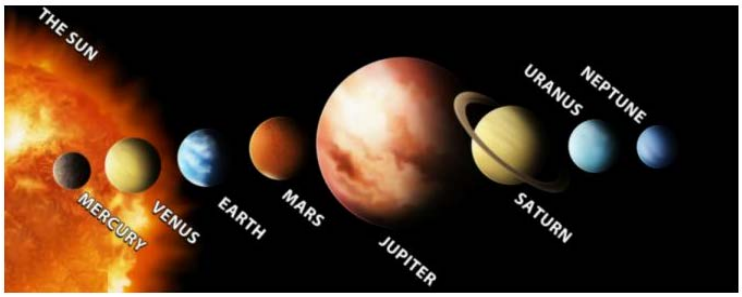
Lab 7.2

Create a web page using JavaScript and DOM objects and methods:

Use the following information to create the web page using **3 JS arrays** (for planets names, the distances from Sun and the diameters).

Use DOM objects and methods (**document.getElementById**(…) **.toUpperCase()** or **.toLowerCase()**,the **.value** or **.src** or **.innerHTML**) to match the information into the arrays and to control the presentation of the information into the web page.

Use objects Array to save and access data for all 9 planets, build the output text and use switch case to choose the corresponding image



Use the event onclick into the button and onchange into the input element to call appropriate function.

Enter the name of a planet: saturn Look up a Planet

Saturn is 1,429,400,000 Km from the Sun and 120,536 Km in diameter.

Enter the name of the planet, and if you click the button, the information and the image will be displayed using the index from the first table; if the entry is not funded in the first array, an error message will be displayed.

Use following data into your tables:

Sun:temperature: 5800 K (surface) 15,600,000 K (core); diameter: 1,390,000 km.
Mercury:orbit: 57,910,000 km from Sun; diameter: 4,880 km
Venus:orbit: 108,200,000 km from Sun; diameter: 12,103.6 km
Earth:orbit: 149,600,000 km from Sun; diameter: 12,756.3 km
Mars:orbit: 227,940,000 km from Sun; diameter: 6,794 km
Jupiter:orbit: 778,330,000 km from Sun; diameter: 142,984 km (equatorial)
Saturn:orbit: 1,429,400,000 km from Sun; diameter: 120,536 km (equatorial)
Uranus:orbit: 2,870,990,000 km from Sun; diameter: 51,118 km (equatorial)
Neptune:orbit: 4,504,000,000 km from Sun; diameter: 49,532 km (equatorial)

Also, once you click on the planet (mapping), your web page should display the planet image and the description into the appropriate fields.

Mihai Maftei

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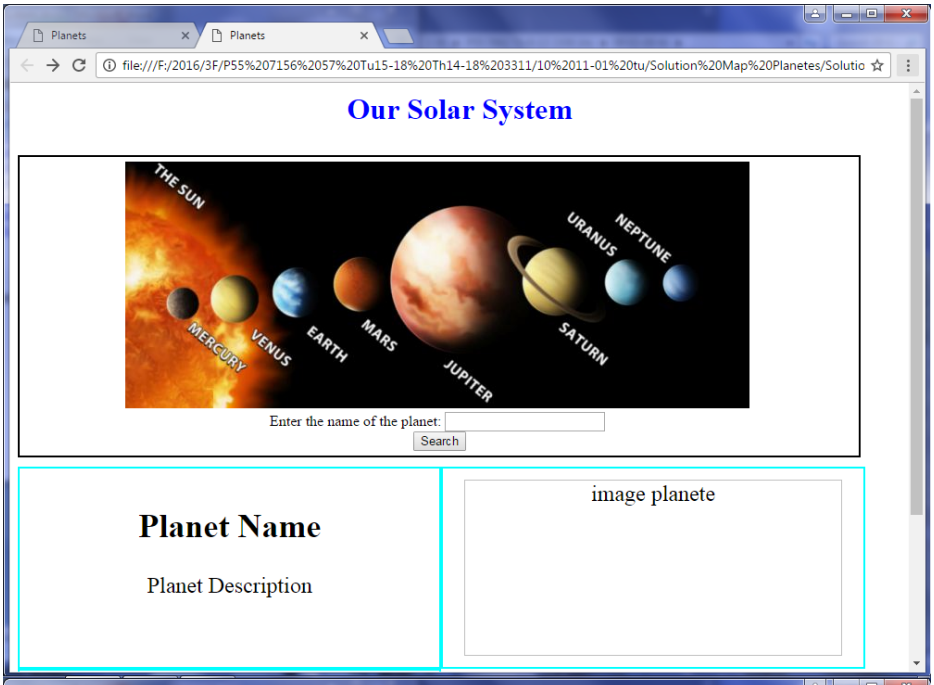
Print screens:



Add your name and the date on the top of the page as a comment.

Upload the work by LEA.

Thank you.

Mihai Maftei