Website creation 1 HTML-CSS-*(JS)* (2016-11-14)

Class 6
Google maps

How to put a google map into your web page.

1. Download files (see right)
2. Using notepad++ open the file called 'map.html'.
3. Drag and drop the file into Chrome.
4. Look at the code and the browser. Notice the new part of the code. A <scrupt> and a javascript function. To show the map we have to call the google mapi (system) and pass it a function to run for us. The function defines the places we want to see on the map,
5. Change the value of zoom and see what changes it makes.

Download these files to your coderdojo2016 directory:

From Examples - class 6

Map.html

Let's make changes to show where we are now.

1. In the map.html file replace the red lines with the blue lines.
2. Save the file and see how it looks now.
3. Fine the lat long coordinates of somewhere you like and replace them in the dojo line.

```
<script>
  function myMap() {
    var zoom = 6;
    var lyneham = new google.maps.LatLng( 51.507841, -1.982817);
    var locking = new google.maps.LatLng( 51.339305, -2.901587);
    var swinderby = new google.maps.LatLng( 53.148341, -0.664803);
    var places = [lyneham,locking,swinderby];
    var zoom=13;
    var dojo = new google.maps.LatLng( 53.371723, -6.390482);
    var places = [ dojo ];


    var marks = [];
    var mapCanvas = document.getElementById("map");
    var mapOptions = {center: places[0], zoom: zoom};
    var map = new google.maps.Map(mapCanvas,mapOptions);
    for( i = 0; i < places.length; i++ ) {
      marks.push( new google.maps.Marker({position: places[i]}) );
      marks[i].setMap(map);
    }
  }
</script>
```