1. [100] Create a new page called location.html containing:

   • (20) The user’s current latitude and longitude, displayed as text.
   • (30) A Google Map centered at the user’s current latitude and longitude with a zoom magnitude of 18 (the examples from class and in the text use a magnitude of 10) and the map type set to “satellite” view (the examples from class and in the text use “roadmap” view). Hint: the type property for “satellite” view is “google.maps.MapTypeId.SATELLITE”.
   • (20) A map pin at the user’s current latitude and longitude on the map. You do not need to handle clicks on the pin. That is, you do not need to pop up a window and display additional information when the pin is clicked, as shown by the examples in the text.
   • (30) Add a “Center” button to your page which, when clicked, uses the map’s setCenter method to center the map on the pin.

Your page should look something like:

You are at latitude: 44.0461383, longitude: -123.0713283

Upload your files to Blackboard (under Course Documents -> Assignment 4).