CSCI 3342/6312 – Quiz #3 (on Assignment #3) **Deadline: 3:00 pm on June 9, 2020**

*To do this quiz, you may reference anything (Internet, Assignments, Books, etc.) **except** persons (other than yourself) directly or indirectly. You may also start from your existing relevant assignment to tailor the code for the quiz.*

Completion: Required **Submission: Required**

Last Name:_____ First Name:_____

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1) How and what to submit?

Submit the following (upload in Blackboard to the available container) in "one" PDF document (not in docx or any other format):

i) The certification page (see next page) should be the first page, followed by
ii) your solution to the problems given on this assignment.

One way is to copy the certification page and your solution to the problems into a Word document and then save the Word document as PDF, and upload the PDF version (not docx version). Only the PDF version will be graded.

2) Only ONE upload attempt is allowed: Before submitting a document through Blackboard, you should review the document being uploaded to make sure that you are uploading the correct document (e.g. do not upload the assignment belonging to another course). To help you prevent uploading wrong documents, notes (titled "HelpOnSubmissionThroughBlackboard" on how to save & review drafts before final submission have been uploaded under Reference Material folder.

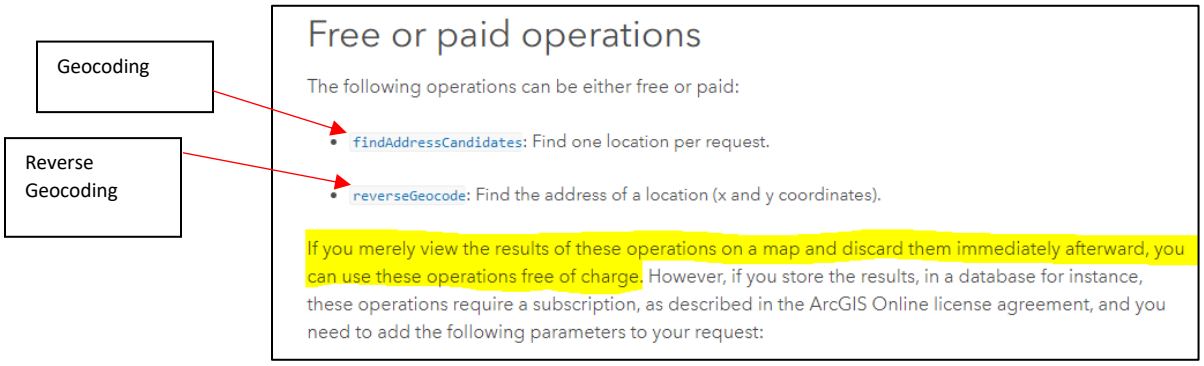
Certification Page

This page must be the first page of your uploaded document.
Your assignment will not be graded without this page (completed with your full name in the area provided) as the first page of your uploaded document.

I, _____, certify that the work I am uploading represents my own efforts, and is not copied from anyone else or any other resource (such as Internet). *Furthermore, I certify that I have not let anyone copy from my work.*

Geocoding is a service that returns Latitude & Longitude given an address. As you have learned in Assignment #3, latitude & longitude can then be used to display map of the addressed location. ***Reverse Geocoding*** service finds the address of the location whose latitude & longitude are provided. These services are described at the following URL:

https://developers.arcgis.com/rest/geocode/api-reference/geocoding-free-vs-paid.htm



➔ ***Modify*** the webpage of your *Assignment #3* for Quiz #3

➔ *Either* use Geocoding service free from ArcGIS (*extra points will be given for this approach*) *or* your own predefined static data structure (of four addresses and corresponding latitudes/longitudes) to accomplish the following tasks:

a) Create the following three input fields with a submit/go button:

Address

Latitude

Longitude

b) When a user inputs an address and presses the submit/go button, your webpage populates the latitude and longitude corresponding to the address, and brings up the map of the addressed location in the designated area of your webpage.

Include the following in your submission:

-HTML code
-CSS code
-JS code
-Snapshots demonstrating that the webpage is functioning correctly. For example, a few snapshots should show that the errors are being flagged for incorrect values, and a few more snapshots should show that the result is computed and displayed correctly.