Project-4

Due Date: 04/16, 23:59

Points: 150

Description:

Do not make unnecessary calls to the API or your quota will hit. If you are sure that the program is working correctly then only make the API call.

1. This is a team project. The team members list is given as an announcement in Moodle, please look into it. [if you name is not there email me]
2. One of the team members will invite the other team member to join the project repo.
3. After joining the project, create a new branch, name the branch appropriately. (not like branch_2 or new_branch)
4. Your objective is to make your code more readable and bug free. Implement the test conditions (cases) that you have listed in the quiz as part of the code. It can be different from your answers in the quiz. If you have already implemented some of the test cases in your program, good for you! You can reuse them.
5. Use github issues to create issues and close issues.
6. Comment your code well.
7. Write a good readme
8. You can make one API call just to see whether everything is working or not with one URL.
9. During testing or development do not make unnecessary API calls, since it will block your future legitimate API calls.

Rubric:

If you are not able to create a branch and work with it 30 points will be deducted.

A. Create a Github issue where all the test cases are listed. There should be at least 8 test cases.[30 points]
B. Ability to incorporate all the test cases in your code. To make your code more robust. Each member should implement 4 test cases**. [80 points]
C. Create a more robust readme [20 points]
D. Commenting your code [20 points]

To help the TAs to understand whether you have accomplished the goal you have to create a Github issue the title should be "**TEST CASES IMPLEMENTATION**". In this issue you have to list all the issues from point-A (above) and mention the path, file

name and line number(s) where you have implemented the test. Not able to create this issue with the mentioned details will lose you 60 points. Please create this issue carefully since TAs will only follow the direction that you give in this github issue. Otherwise it is nearly impossible in limited time to read all the code and find out the implementation. For example:

Test case-4: To check whether the input file exists or not. Location: module_1/prog_name.py . Lines: 3-6.

**[example] There are two members in the team, person-1 (p1) and person-2(p2). If suppose p2 wants to solve test-case-4 then p1 will create an issue in github and delegate (assign) it to p2. After p2 implements the test-case-4 solution p2 will message p1 in the same issue that he/she is done and request p1 to review the code. p1 will check the implementation and finally p1 will close the issue. Do it for all the 8 test-cases that you come up with.

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Any one member of the team members will email the TA. Please do not forget to write the names and 800 numbers of all the team members.

If you have any query about the project we will talk during/after the class.