

# Python, User Input and Logic

Exploring Python with Packages and Data - Authoring 1

## Assignment Description

Pick a minimum of three and a maximum of five Marvel characters. Store the character names in an array or list. Create an interactive quiz using and storing text inputs; figure out which Marvel character is the “answer”.

Create a series of at least 4 questions that will describe a given character (without being too obvious) - ex you male? Female? Neither? etc. Are you from Earth? Do you have super powers? and so on.

Figure out a points system that corresponds to those characters in your list or array, and then print out the quiz answer using variables.

Create a roadmap and programming path (Google Drive doc) to help you work through the problem and solve it using small, achievable steps.

Explore some Python “pieces” that we haven’t looked at yet - as an example, the dictionary might come in handy when building the quiz. You could use this to store your questions, the points for each question, etc.

Use functions where you can. Store your functions and variables as components in an external folder and import them into your main file.

Track your progress in this document and mark completion as you go.

Create a well-written readme file and branches as necessary, following workflow as demonstrated in class. Use pull requests and merge as you go.

## Submission

- Homework must be submitted by midnight on the **Saturday of Week 12 at 5PM (EST)**
  - Github repo: readme.md file, master branch, development branch(es)
  - correct structure for a web project (css, js, images and index.html)
  - Name the branches appropriately per feature IE **des**.tvr.artwork, **dev**.tvr.script
  - Submit the repo link via FOL dropbox
  - DO NOT SUBMIT ZIPPED FILES
- ONLY THE MASTER BRANCH WILL BE GRADED**

## Additional Information

Missed tests/exams will not be rescheduled without some valid evidence of some important event over which the student has no control (e.g., Court appearance, death in the family). Missed tests or exams, therefore, can receive a zero. The students are advised to notify the professor prior to missing the test.

Students are expected to hand in all assignments to the course instructor on the due date, and all assignments must be submitted in the format specified by the instructor (e.g., on FOL, in printed form, on a specific lab computer, etc.); assignments will not be accepted in any format other than that specified.

Late assignments will not be accepted, nor will make up test or assignments be permitted, without some valid evidence of some important event over which the student has no control (e.g., documented illness, death in the family). Missed tests or assignments, therefore, will receive a mark of zero. Late assignments and make-up tests will only be permitted following the submission of adequate documentation acceptable to the instructor (e.g., a doctor's note). Students are advised to notify the instructor prior to missing an assignment due date or a scheduled test.

Immediately upon return from an illness/absence in which a test or assignment has been missed, the student is responsible for contacting the course instructor to discuss the problem. The instructor will make arrangements for any student deemed eligible. The alternative test/assignment will be of equal value to the one missed with no grade penalty. The timeline and due dates will be determined by the course instructor.

At mid-term, any unsatisfactory results will be reported to the student.

This course may be revised by the professor with suitable notification to the students. Students are responsible for making arrangements to pick up missed handouts, assignments and course announcements from classmates.

Plagiarism (e.g., failure to acknowledge sources used, submitting another student's work under your name, or producing work for another student to submit) is a serious academic offense that shall result in appropriate penalties, to be determined at the discretion of the course professor in consultation with the chairperson of the Communication Arts division. The penalties shall range from failure of an assignment to possible failure of the course. Students shall not make the Assumption that any provision will be made by the professor to permit the student to rewrite or redo failed assignments.