As with the other project, things to look out for in solving the questions are:

- Make sure to name functions and arguments as stipulated in the question, but never be
  afraid to create extra functions of your own, e.g. to break up the code into conceptual subparts, or avoid redundancy in your code
- Commenting of code is one thing that you will be marked on; get some practice writing comments in your code, focusing on:
  - Describing key variables when they are first defined (but not things like index variables in for loops)
  - Describing what "chunks" of code do (i.e. not every line, but chunks of code that
    perform a particular operation, such as # find the maximum value in the list or
    # count the number of vowels
  - Describing what every function does, including what its arguments are, and what it returns.



## **Overview**

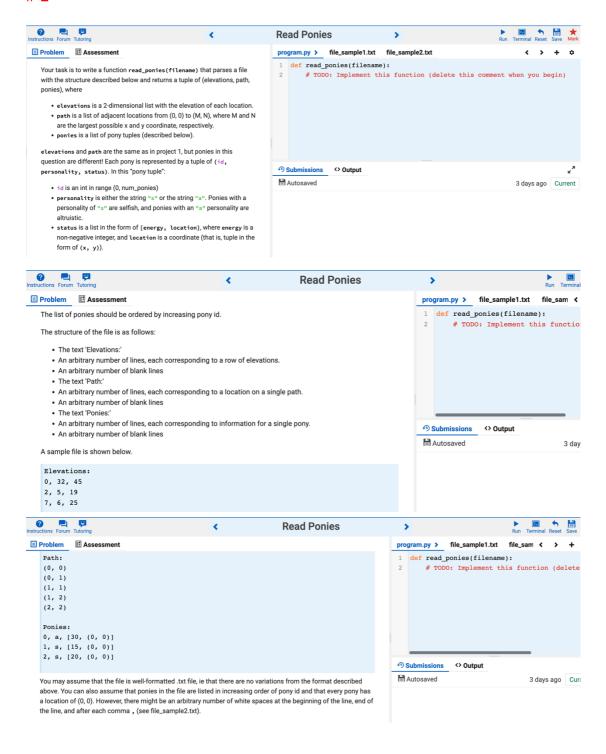
In this project, we build upon the elevations, paths, and ponies introduced in Project 1.

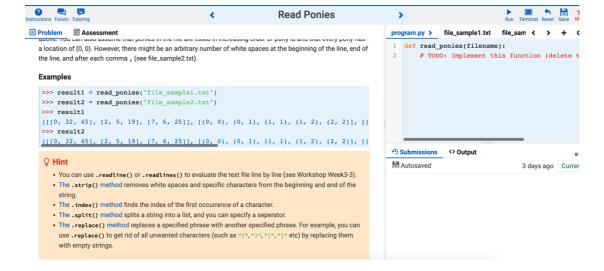
In question 1, you will interact with text files to read information about elevations, paths, and ponies. In question 2 and question 3, you will determine how ponies with different personalities climb along given paths.

Remember that this is an assessment task, and the work must be your own. It is illegal for others to do this work on your behalf.

## **Updates**

- 8 Feb on Q2: The output of the first example is updated.
- 10 Feb on Q1: You can assume the files to read are all .txt files.
- 12 Feb on Q1: Added some hints.





# 2

