- What challenges did you encounter with the task definition?

I was not sure if I should accept input from user; I chose to accept input. Later I found I cannot test my code with accepting input enabled, so I refactored my code and added many dummy inputs for running and testing the code.

- What challenges did you encounter with the tools?

No challenge encountered with the tools for this assignment.

- Describe the criteria you used to determine that you had sufficient test cases, i.e. how did you know you were done?

The criteria I used is the totally number of possible outputs.

I knew I was done because I tested all 7 possible outputs, which can be found in the __init__ function.