Turn-in the Following

Your reply to questions listed below, and your reply to the **Hypothetical Question**.

Your Task for This Assignment

Answer questions (1), (2), and (3). Then, answer the **Hypothetical Question.** Provide your answer in a word document, use paragraphs, and do not make it longer than three pages. Follow all rules for punctuation, and grammar.

Read the Entire Assignment Thoroughly Before Starting

This will ensure that you understand what must be done, in order to complete this assignment.

Hypothetical Question

Would you prefer to make a good program, or make the best program to solve a programming problem?

Question Background

Dear Students,

As you progress through Python programming, you will encounter situations of various kinds. Ultimately, you will develop your own way of programming, from which you will be able to accomplish certain tasks, even though you did not strive for the best solution to the problem. Think of this as the race between a tortoise and a hare.

We know that the hare is the faster runner, and we know that the tortoise runs very slow. In fact, the tortoise doesn't run at all. However, eventually, when these two animals' race against each other, the tortoise beats the hare.

The race between the tortoise and the hare is a good example of a solution to a problem wherein the best solution will not always solve the problem. In our case, the hare can be viewed as the best solution, and the tortoise is the good solution. The good solution beats the best solution in the race.

Some Questions to Help you

- (1) Why did the tortoise beat the hare?
- (2) What does this mean, aside from the obvious (look for something deeper)?
- (3) How does this relate to programming?