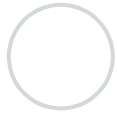


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This is a graded discussion: 10 points possible

due Dec 5, 2022



Python Programming 101 - Which type of solution is the "best?"

Nov 14, 2022 at 12:37pm

Read the Entire Assignment Thoroughly Before Starting

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

Hypothetical Open-Ended Prompt (Please read carefully. Think even more careful.)

- 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 the 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, the tortoise beats the hare in the race.

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.

Instructional Goal (What is the Purpose?)

The purpose of this assignment is to test your critical thinking skills, analytical skills, and writing ability, in relation to Computer Science. I will test your knowledge to see if you have mastered the programming principles that we discussed in class. Answer the questions below to the best of your ability.

Please Watch this Video on the Tortoise and the Hare Race

[Silly Symphony - The Tortoise and the Hare](https://www.youtube.com/watch?v=2DrKmpuKhKE)  [\(https://www.youtube.com/watch?v=2DrKmpuKhKE\)](https://www.youtube.com/watch?v=2DrKmpuKhKE)



[\(https://www.youtube.com/watch?v=2DrKmpuKhKE\)](https://www.youtube.com/watch?v=2DrKmpuKhKE)

- (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?

Your Directions for This Assignment

- Answer questions (1), (2), and (3). Then, answer the **Hypothetical Question**. Provide your answers by creating a reply to this discussion.
- Answer in one or two paragraphs. Use clear logic in your answers.

How I will Grade You

- Please answer using the English language.
- You must answer using excellent, and formal grammar, punctuation.
- Translate to English from your native language, if you need to do so.
- Do not use slang or Internet slang to answer the question.

Submission

- Assignment must be on time. No late submissions will be accepted.

Submit the Following:

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

Contact Me

- Contact me at my official school email if you have any questions.

