

Quiz #2 for October 8, 2020

Please use your Python system (IDLE or something else) to compute the following. Be prepared to show your work!

1. If you want to read an integer from the input, which of the following should you use?

- (a) `input("Please type an integer: ")`
- (b) `int(input("Please type an integer: "))`
- (c) `input(int("Please type an integer: "))`
- (d) `int(str(input("Please type an integer: ")))`

Answer: (b). For (a), `input ()` returns a string, not an integer. Choice (c) has the right idea, but you have the `input` and `int` reversed. As the prompt isn't a string that represents an integer, the `int ()` will fail, and the `input ()` will never be executed. Choice (d) will work, but the `str ()` is unnecessary as `input ()` returns a string. So you should omit it, and that's choice (b).