Question 01

1. How to check a variable’s type?

We can ask the interpreter what they are.

Ex: >>> type(pi)

<type ‘float’>

1. In what cases, you will get ***SyntaxError*** from the compiler telling you that some of your variables have **invalid names**? Can you give 3 different examples of **invalid names**?

- Cases that I get ***SyntaxError*** from the compiler telling me that some of my variables have invalid names:

+ The variables don’t start with a letter

+ They contain an illegal character like #, @, !

+ They use Python keywords: and, as, assert, break, class, continue, def, del, elif, else, except, exec, finally, for, from, global, if, import, in, is, lambda, not, or, pass, print, raise, return, try, while, with, yield.

- 3 examples of invalid names:

+ 10var = “no smoking”

+ less% = 85000

+ break = “Philosophy 24”