

Assignment 01

Q1. Write all the conventions being followed while declaring a variable.

- A variable name must start with a letter or the underscore character.
- A variable name cannot start with a number.
- A variable name can only contain alpha-numeric characters and underscores (A-z, 0-9, and _)
- Variable names are case-sensitive (age, Age and AGE are three different variables)

Q2. What will happen if we declare a restricted keyword as a variable?

We can not use a keyword as a variable name, because they are used to define syntax and structure of python language.

Q3. Can we actually declare a string as a variable name?

Yes , we can actually declare a string as a variable name in python.

Q4. Is it possible for us to declare “_” as a variable? If so, then write an example of it.

Yes, it is possible for us to declare “_” as a variable in python.

Q5. Using an example, explain how the variables in python are dynamic in nature.

Dynamic typing means that the type of the variable is determined only during runtime. Due to strong typing, types need to be compatible with respect to the operand when performing operations. For example Python allows one to add an integer and a floating point number, but adding an integer to a string produces error.

