**Tech Snippets – Assessment – T01 – Variables**

1. Which one of the following is correct way of declaring and initialising a variable, x with value 5?

A. int x  
     x=5  
B. int x=5  
C. x=5  
D. declare x=5

Ans : C

2. Which of the following is not valid variable name in Python?

A. \_var  
B. var\_name  
C. var11  
D. 11var

Ans: D

3. Which of the following is incorrect regarding variables in Python?

A. Variable names in Python cannot start with number. However, it can contain number in any other position of variable name.  
B. Variable names can start with an underscore.  
C. Data type of variable names should not be declared  
D. None of the above

Ans : D

4. Which of the following will give error?

A. a=b=c=1  
B. a,b,c=1  
C. a,b,c=1, 1.2, 1.5  
D. None of the above

Ans: B

5. What is the maximum length of an identifier in python?

A. 32  
B. 31  
C. 63  
D. None of the above

Ans : D

6. All keyword in python are in

A. Lowercase  
B. Uppercase  
C. Both uppercase & Lowercase  
D. None of the above

Ans: C

7. Which of the following statement is False?

A. Variable names can be arbitrarily long.  
B. They can contain both letters and numbers.  
C. Variable name can begin with underscore.  
D. Variable name can begin with number.

Ans: D

8. Which of the following is a valid variable?

A. var@  
B. 32var  
C. class  
D. abc\_a\_c

Ans: D

9. Why are local variable names beginning with an underscore discouraged?

A. they confuse the interpreter  
B. they are used to indicate a private variables of a class  
C. they are used to indicate global variables  
D. they slow down execution

Ans:

10. Write few characteristics of variables in Python? What do you understand by Variables?

Characteristics of Variables:

* Can start with \_
* Can contain (0-9) (a-z)
* Case sensitive
* Cant contain symbols
* Cant use keyword as a variable name