# Assignment - Python

| Grading | | | |
|---|---|---|---|
| **Event** | Decoding Skills | Number of question not attempted | Overall Output |
| **Assignment** | 0- If the learner does not submits the assignment or if he tried to attempt it but the applied hypothesis is wrong or showing an error.<br><br>10- If the learner clearly decodes the given data set or questions by performing the tasks defined in the question | 0 - If the learner does not solves any questions or solves less then 40% of the assignment correctly.<br><br>5 - If the learner successfully solves between 40-80% of the given questions.<br><br>10- If the learner solves 80-100% of the questions correctly | 0-If the output presented is completely wrong.<br><br>5- If the given output is partially correct along with incorrect presentation.<br><br>10- If all the answers are attempted correctly along with presentation skills |

1. Find the datatype of these two declaration :

   x = 5
   y = "John"

2. Check whether the following syntax is valid or invalid for naming a variable. :

   Example: abc=100 #valid syntax

   i. 3a=10
   ii. @abc=10
   iii. a100=100
   iv. _a984_=100
   v. a9967$=100
   vi. xyz-2=100

3. Check if element exists in list in Python :

    list = test_list = [1, 6, 3, 5, 3, 4]

        1. Check if 3 exist or not.

        2. Check if 9 exists or not.

         3. Take the user input to print the current date.

        4. what is the output of the following code :

        a. print 9//2

        b. print 9%2

5. Print First 10 natural numbers using a while loop.

6. Write a program to accept a number from a user and calculate the
    sum of all numbers from 1 to a given number.
    For example, if the user entered 10 the output should be 55
    (1+2+3+4+5+6+7+8+9+10)

7. Write a Python program which iterates the integers from 1 to 50.
    For multiples of three print "Fizz" instead of the number and for
    the multiples of five print "Buzz". For numbers which are multiples
    of both three and five print "FizzBuzz".
    Example :
    fizzbuzz
    1
    2
    fizz
    4
    buzz

The parameters on which the assignment will be graded are: ●

    Correctness of the code: Grades are given on the basis how accurate

    the query is.

    ● Code Readability: Grades on the basis of if output is exact or not

      and unnecessary query is not written.