

Section 7

Q-1 In python, the break and continue statements are used to make changes in the flow of a normal loop.

Sometimes we wish to terminate the program on the current iteration without checking the test expression. Break statement is used in this case.

Continue is exactly the opposite it executes the next iteration instead of breaking it.

```
def check_prime (num):  
    if num > 1  
        for i in the range (2, num):  
            if num % i == 0:  
                print ("not prime")  
                break  
        else:  
            print ("prime number")  
    else:  
        print ("not prime")
```

is = The expression holds true if the operands are identical.

is not = The expression holds true if the operands are not identical.

Python is dynamic and strongly typed language. It is strongly typed as the interpreter keeps track of all variable types. It is dynamic as it exactly uses what it knows to limit variable usage.