

Section - 7

Q1.

Ans

In python, the break and continue statements are used to make change 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 range(2, num):
            if num % i == 0:
                print("not prime")
                break
    else:
        print("prime number")
```

```
else:
    print("not prime")
```

$is \Rightarrow$ The expression holds true if the operands are identical.

$is\ not \Rightarrow$ The expression holds true if the operands are not identical.

python is dynamic and strongly typed language. It is strongly type as the interpreter keep track of all variable type. It is dynamic as it scarcely uses what it known to limit variable usage.