While Loops

- The while loop tells the computer to do something as long as the condition is met.
- Its construct consists of a block of code and a condition.
- The condition is evaluated, and if the condition is true, the code within the
- block is executed.
- This repeats until the condition becomes false.

Syntax of while loop:

```
while test_expression:
    Body of while
```
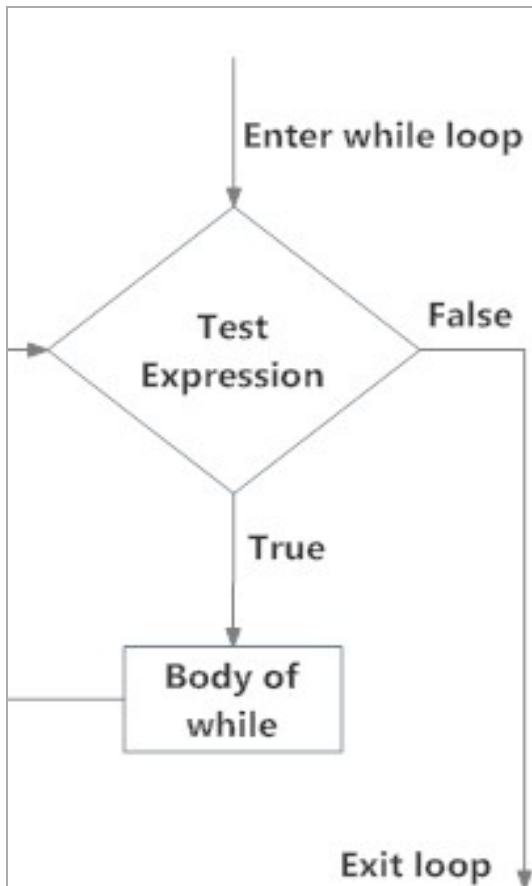
Flow Chart   **Example**

Fig: operation of while loop

```
a = 0
while < 10:
    a = a + 1
    print a
```