Python while loop

The while loop in Python is used to iterate over a block of code as long as the condition is true.
We generally use this loop when we don't know the number of times to iterate beforehand.

Syntax of while Loop in Python

```
while condition:
    #body of a while
```
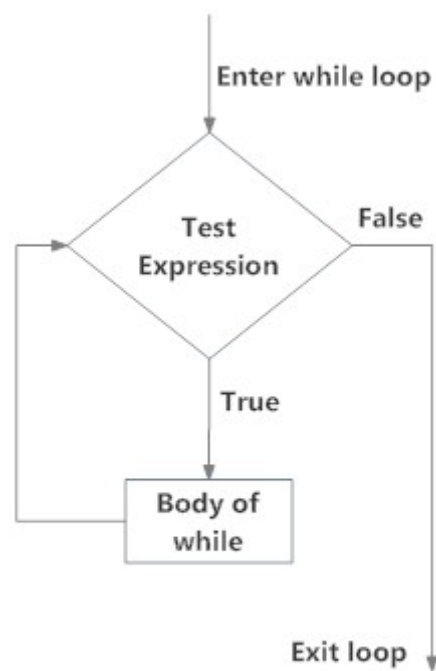

Fig: operation of while loop

Example:

```
i = 0
while i < 5:
    print(i)
    i += 1
```

output:

```
0
1
2
3
4
```