Example:
```
num1=int(input("Enter First Number")) # 10
num2=int(input("Enter Second Number")) # 5
print("1.Add")
print("2.Sub")
print("3.Multiply")
print("4.Div")
print("5.Exit")
opt=int(input("Enter Option ")) # 1
res=None
match(opt):
    case 1:
        res=num1+num2
    case 2:
        res=num1-num2
    case 3:
        res=num1*num2
    case 4:
        res=num1/num2
    case 5:
        print("Exit")
    case _:
        print("invalid option")

print(f"Result is {res}")
```

Output:
```
Enter First Number4
Enter Second Number2
1.Add
2.Sub
3.Multiply
4.Div
5.Exit
Enter Option 4
Result is 2.0
```

Looping Control Statements
Looping control statements are used to repeat one or more than one statement number of times or until given condition.

1. while loop
2. for loop

while loop
while is a keyword, which represents while loop.
<mark>While loop is used to repeat one or more than statement until given condition</mark>.

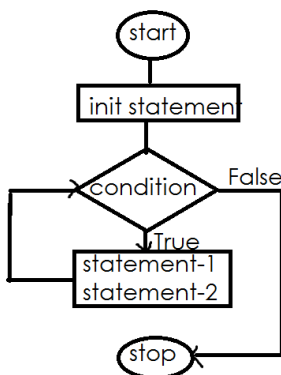| Syntax1:	Syntax2:

while <condition>:
    statement-1
    statement-2
statement-3
 	
statement-1, statement-2 are
repeated until given condition False.
	while <condition>:
	    statement1
	    statement2
	else:
	    statement3
	    statement4
	statement-5

To work with while statement, we required 3 statements 1. initial statement 2. test/condition 3. update statement Initial statement, which defines initial value of condition. Condition, it is boolean expression which defines how times while loop has to be repeated. Update statement, which updates condition.	

Write a program to print message "Hello" 10 times

```
c=1
while c<=10:
    print("Hello")
    c=c+1
```

Output:
Hello
Hello
Hello
Hello
Hello
Hello
Hello
Hello
Hello
Hello

How to input more than one value using input() function?
Input() function is used to input/read one value.
Input() function read value of type string.
Input values can split into number of values using split() function of string data type.

```
>>> a="10 20 30"
>>> a.split()
['10', '20', '30']
>>> x,y,z=a.split()
>>> print(x,y,z)
10 20 30
>>> b=input()
10 20 30
>>> p,q,r=b.split()
>>> print(p,q,r)
10 20 30
>>> print(type(p),type(q),type(r))
<class 'str'> <class 'str'> <class 'str'>
>>> s1="10,20,30,40,50"
>>> a,b,c,d,e=s1.split(",")
>>> print(a,b,c,d,e)
10 20 30 40 50
```

```python
T=int(input())
while T>0:
    X,Y,A=map(int,input().split())
    if A>=X and A<Y:
        print("YES")
    else:
        print("NO")

    T=T-1
```