



Eg: write a program to prompt user to enter some name until entering Durga

```
1) name=""
2) while name!="durga":
3)     name=input("Enter Name:")
4)     print("Thanks for confirmation")
```

Infinite Loops:

```
1) i=0;
2) while True :
3)     i=i+1;
4)     print("Hello",i)
```

Nested Loops:

Sometimes we can take a loop inside another loop, which are also known as nested loops.

Eg:

```
1) for i in range(4):
2)     for j in range(4):
3)         print("i=",i," j=",j)
4)
5) Output
6) D:\Python_classes>py test.py
7) i= 0  j= 0
8) i= 0  j= 1
9) i= 0  j= 2
10) i= 0  j= 3
11) i= 1  j= 0
12) i= 1  j= 1
13) i= 1  j= 2
14) i= 1  j= 3
15) i= 2  j= 0
16) i= 2  j= 1
17) i= 2  j= 2
18) i= 2  j= 3
19) i= 3  j= 0
20) i= 3  j= 1
21) i= 3  j= 2
22) i= 3  j= 3
```