

Python Nested Loop

Iteration is used to repeat some actions a number of times. In Python is called nested loop the following example and syntax of nested loop

Syntax

```
while test expression:
    body of main while
    while test expression
        body of inner loop
```

Example

```
matrix = [ [5,4,7,11], [3,3,8,17] ]
i=0
while i < len(matrix):
    j=0
    while j < len(matrix[i]):
        print matrix[i][j]
        j=j+1
    i=i+1
```