WHILE LOOP

**While Loops** is used to execute a block of statements repeatedly until a given condition is satisfied. And when the condition becomes false, the line immediately after the loop in the program is executed. While loop falls under the category of **indefinite iteration**. Indefinite iteration means that the number of times the loop is executed isn’t specified explicitly in advance.

# Python program to illustrate while loop

count = 0

while (count < 3):

count = count + 1

print("Dharma")

print()

# checks if list still

# contains any element

a = [1, 2, 3, 4]

while a:

print(a.pop())

**Pass Statement:** We use pass statement to write empty loops. Pass is also used for empty control statements, functions and classes.

a = 'DHARMA'

i = 0

while i < len(a):

i += 1

pass

print('Value of i :', i)