

Loop Assignment

Que1:- What is the difference between for loop and while loop in Python?

Ans:- for loop is used when the number of iterations is known.

while loop is used when the number of iterations is not known and depends on a condition.

Que2:- What is an infinite loop? How can you stop it?

Ans:- An infinite loop is a loop that never ends (runs forever). It can be stopped using break statement or by pressing Ctrl + C during execution (in terminal)

Que3:-What will be the output of the following code?

```
for i in range(1, 6):  
    if i == 3:  
        continue  
    print(i, end=" ")
```

Output:- 1 2 4 5