

2-while

June 9, 2022

1 Creating a while Loop

The while loop executes a block of code while a boolean expression evaluates to true. It terminates as soon as the expression evaluates to false. The boolean expression is evaluated before each iteration.

```
while <expression>:  
    # do something
```

```
[4]: # While count is less than 10; print count  
count = 0  
while count < 10:  
    #count += 1  
    print(count)  
    count += 1  
else:  
    print("Count is 10 or greater")
```

```
0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
Count is 10 or greater
```

```
[ ]: # infinite loop  
while True:  
    print('Program running')
```

```
[ ]:
```