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Day-5

While loop in python.

While loop - execute a block of code repeatedly as long as the given condition is True.

Syntax:

```
While condition  
    # Code to execute .
```

Print numbers from 1 to 5

```
Count = 1
```

```
While Count <= 5 :
```

```
    print(Count)
```

```
    Count += 1
```

Infinite while loop in python.

→ Causing endless execution.

```
While True :
```

```
    print(" infinite loop !")
```

While loop with Continue Statement.

→ Skips the rest of the code in the current loop iteration.

break statement → exits the loop. Immediately, even if the condition is still true.

pass statement → placeholder, does nothing.

else statement → runs only if the while loop completes normally (i.e. no break)