CPSC 231 - Lab

LOOPS

Looooooooooooo...ooooop

Sometimes we need to do a job repeatedly as long as a specific condition is true.
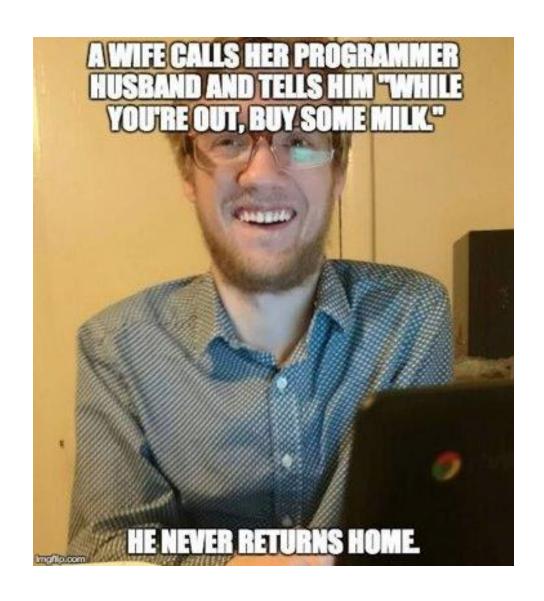
We use loops for this kind of jobs.

Types of loops?

Simple loops : Keep going if the condition is true

Ranged-base loops: Do the job n times

Simple loop in python

```python
# count down
n = input("Enter count down number")
while n > 0:
    print(n)
    n -= 1
```

How to stop a loop?

By voiding the condition:

```python
user_input = 'yes' #do not forgot to define the variable
while user_input == 'yes':
    user_input = input('Do you want to continue? (yes/no)')
```

How to stop a loop?

Using break:

```python
while True:
    user_input = input('Do you want to continue? (yes/no)')
    if user_input != 'yes':
        break
```

NO INFINITE LOOPS!