

This creates a variable called *my_number* and adds 1 to it at each iteration. Normally, the loop would finish when *my_number* reaches 100. However, there is a special condition: when it reaches 23, it will break out of the loop.

CONTINUE STATEMENTS

Like break statements, continue statements are typically used when a special condition is met. However, while a break statement exits a loop, the continue statement simply takes you to the next iteration of the loop.

Examine the following code:

```
my_number = 0

while my_number < 100:
    my_number += 1
    if my_number > 23:
        continue
    print(my_number)
```

This is similar to the code for the break statement. However, *my_number* will reach the value of 100, but only stop printing after it reaches the value 23.

Instructions

Before you get started, we strongly suggest you start using VS Code or Anaconda to open all text files (.txt) and python files (.py).

First read **example.py**.

- **example.py** should help you understand some simple Python. Make sure you read all of **example.py** and try your best to understand it.
- You may run example.py to see the output. Feel free to write and run your own example code before doing the Task to become more comfortable with Python.

Compulsory Task 3

Follow these steps:

- Create a new file called **while.py**.

- Write a program that always asks the user to enter a number.
- When the user enters -1, the program should stop requesting the user to enter a number,
- The program must then calculate the average of the numbers entered, excluding the -1.
- Make use of the *while loop* repetition structure to implement the program.
- Compile, save, and run your file.

Thing(s) to look out for:

1. Make sure that you have installed and set up all programs correctly. You have set up **Dropbox** correctly if you are reading this, but **Python or your editor** may not be installed correctly.
2. If you are not using Windows, please ask a reviewer for alternative instructions.



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