

Significant Whitespace in Python

```
def print_pattern(num_rows):  
    for i in range(num_rows):  
        for num_cols in range(num_rows-i):  
            print("*", end="")  
        print()
```

- To the left is an example of some Python code
- Don't worry about understanding it yet!
- Note how few braces { } there are compared to other languages
- Instead, the indentation has meaning
- The convention is to use spaces to indent
- When you press **TAB**, most editors will automatically insert the correct number of spaces (same for deleting)

Functions

- Define a function with the **def** keyword, then a name, then parameters in brackets
- Don't forget to put a **:** after the parameters
- Then you must indent with the **TAB** key for the function body
- Return values using the **return** keyword
- Here we're calling our function to add 2 and 3 together, then printing the result. Give it a try, and make some changes.

```
def add_numbers(num_a, num_b):  
    return num_a + num_b  
  
result = add_numbers(2, 3)  
print(result)
```