Python

# What is python?

Python is a popular programming language. It was created by Guido van Rossum and released in 1991.

It is used for:

* web development (server-side),
* software development,
* mathematics,
* system scripting.

# Getting started

To get the version of python on my system use: “python –version” in the CMD or terminal

Python’s files extension is “.py” to make a python file, use “name.py”

# Python syntax

To run a program, use F5 to run with debugger (find errors) or in the terminal type “python filesname.py”

## Python indentation

Python NEEDs indentation to run, indentations can be done my using the spacebar or more commonly (and easier) by using the “tab” button. In some instances, the IDE (Integrated development environment) you are using will automatically indent your code.

### An example of indentation:

“””

If 5 > 2:

print(“5 is greater than 2”)

“””

### An example of unintended code:

“””

if 5 > 2:  
print("Five is greater than two!")

“””

### How to indent:

If you use the spacebar, the number of spaces is up to you as a programmer, the most common use is four, but it must be at least one. If you use the “tab” button, then only use it once.