Download python 2.7 from the following site

* <https://www.python.org/downloads/>
* Docs: <https://docs.python.org/2/>

Download visual studio code from the following site

* <https://code.visualstudio.com/>

Once VS Code is installed you will need to get the following extensions

* Code Runner
  + Handles all the set up for python to run in VS Code
* Magic Python
  + Syntax Highlighting
* Python
  + Debugging for python code
* Python VS Code
  + Language extension for auto complete

We will also be installing another extension later on called pylint but before we do that we will go over some sample python syntax

Create a new python project in VS Code with the file name main.py

1. Print Hello World
2. Declare a variable and print its value
3. Add the value of two variables together and print the new value out
4. Input your name and assign it to a variable then print the variable out
5. Create a function that prints the sum or two values
6. Modify the function from number 5 to return the sum instead of print
7. Create an if statement that will print true is the variable x is equal to 1 otherwise it will print false
8. Create a for loop that will print the values 1 - 100
9. Exercise create an application that will mimic a calculator and should allow the user to perform the following math operations
   1. Add, Subtract, Divide, Multiply