What is Python?

Python is a popular programming language. It is an interpreter language.

It is use for:

- Web development (Server – side),
- Software development,
- Mathematics,
- System scripting,

Why Python?

- Python works on different platform(Windows, Mac, Linux, Raspberry pi)
- Python has a simple syntax similar to the English language.
- Python has syntax that allow developers to write programs with fewer lines than some other programming language.
- Python run on an interpreter system, meaning that code can be executed as soon as it is written. This means that prototyping can be very quick.
- Python can be treated in a procedural way, an object – oriented way or a functional way.

Python installation:

1. Select Version of python to install.
2. Download the Python Executable Installer.
3. Run the Executable Installer.
4. Choose the option Disable path length limit.
5. Verify Python was installed on Windows / Linux.
6. Verify Pip was installed. To verify whether Pip was installed:
   a. Open the start menu ant type "cmd".
   b. Select the Command Prompt application
   c. Enter pip –V in the console.