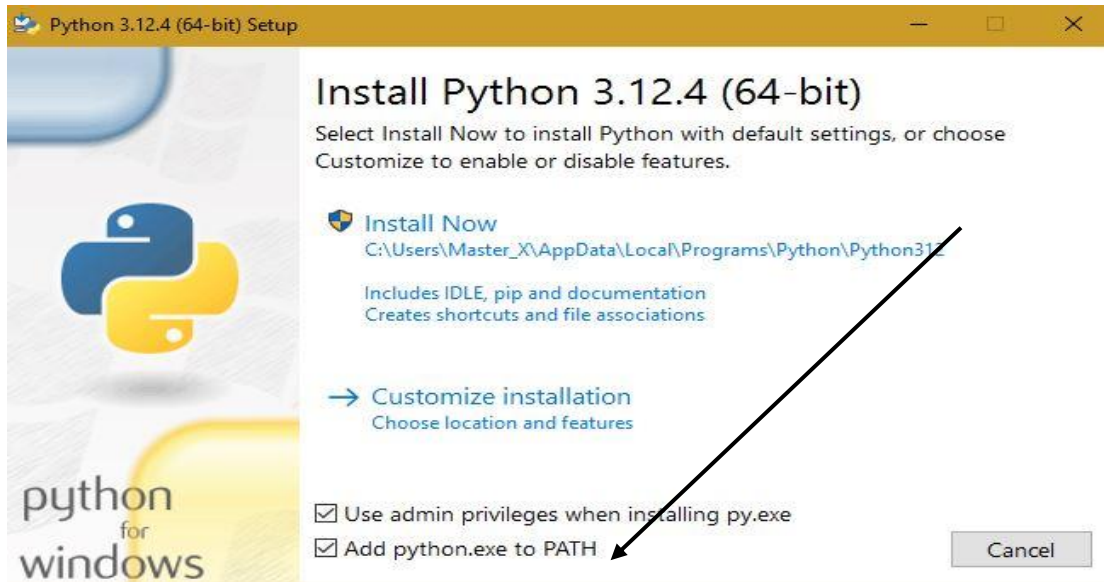
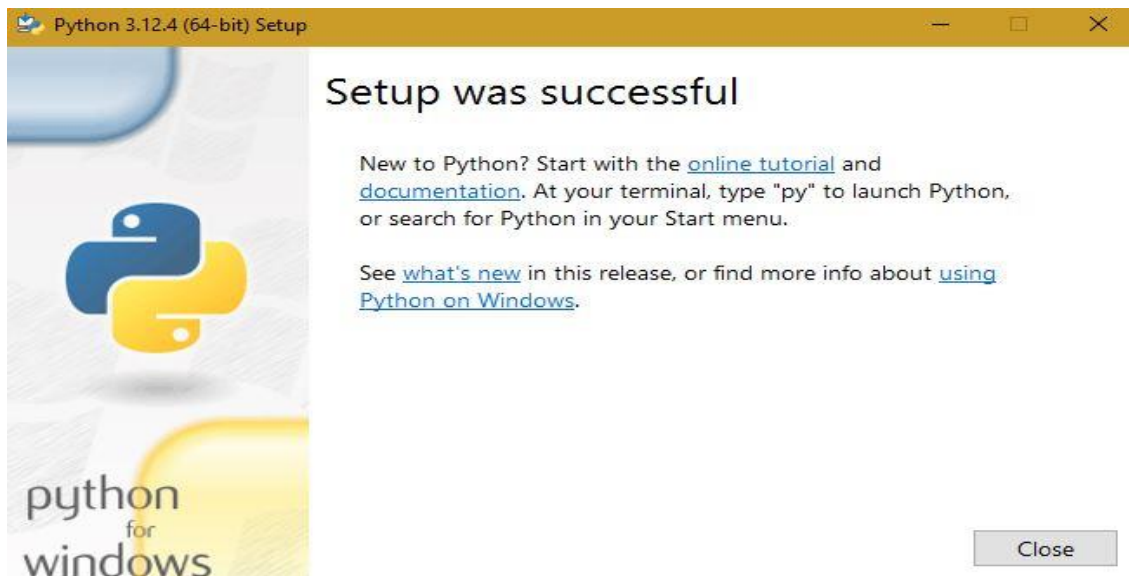


## PYTHON INSTALLATION

1. Enter <https://www.python.org/> on your URL
2. Download Python depending on your OS; Windows, Linus or MacOS
3. IMPORTANT: At the bottom of the screen tick the checkbox “Add python.exe to PATH” and then click Install Now.

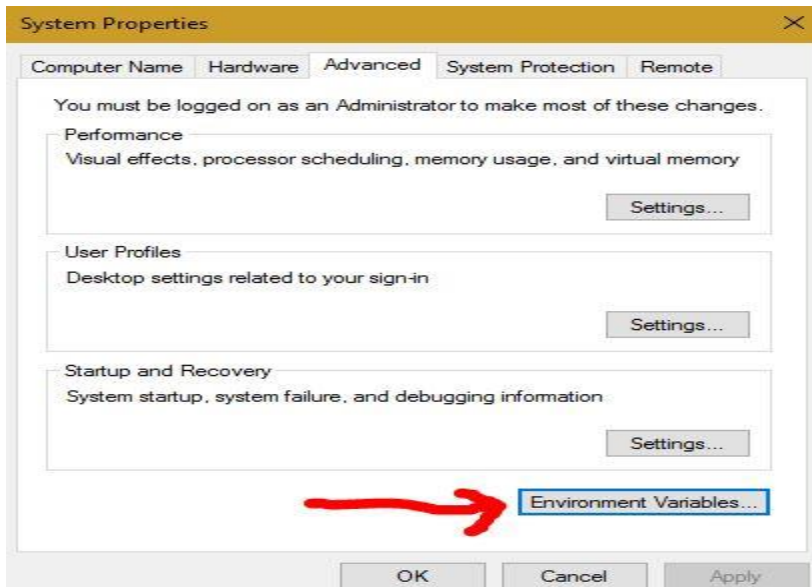


4. If steps followed keenly, you should have a window as below which can be closed



## **TO ADD PYTHON PATH MANUALLY**

1. If you forgot to tick the add python.exe to Path, follow the steps below
2. On the windows search pane type “Environment Variables” and press enter
3. In the system properties window click Environment Variables



4. If python is not included under PATH variable in the User Variables window then do the following:
5. Find where python was installed in your PC and copy the address from the file explorer (likely in local disk C)
6. Go back to environment variables, click PATH then click edit.
7. In the edit environment variable click New and paste the Python address copied from file explorer
8. Once complete click OK then OK in the next window. Click Apply and OK in the last window.

## INSTALLING PACKAGE MANAGERS

1. IMPORTANT: New versions of python have PIP pre-installed. To check if pip is installed type “`py -m pip --version`” for windows OS.
2. If pip is not installed, then first try to bootstrap it from the standard library: “`py -m ensurepip --default-pip`” for windows OS.
3. If that still doesn’t allow you to run python -m pip: Securely Download get-pip.py
4. Run python get-pip.py. This will install or upgrade pip.

```
Usage:
  pip <command> [options]

Commands:
  install           Install packages.
  download          Download packages.
  uninstall         Uninstall packages.
  freeze            Output installed packages in requirements format.
  inspect           Inspect the python environment.
  list              List installed packages.
  show              Show information about installed packages.
  check             Verify installed packages have compatible dependen
cies.
  config            Manage local and global configuration.
  search            Search PyPI for packages.
  cache             Inspect and manage pip's wheel cache.
  index             Inspect information available from package indexes
.
  wheel             Build wheels from your requirements.
  hash              Compute hashes of package archives.
  completion        A helper command used for command completion.
  debug             Show information useful for debugging.
  help              Show help for commands.

General Options:
  -h, --help        Show help.
  --debug           Let unhandled exceptions propagate outside the
main subroutine, instead of logging them to
stderr.
  --isolated        Run pip in an isolated mode, ignoring
environment variables and user configuration.
  --require-virtualenv
                  Allow pip to only run in a virtual environment;
exit with an error otherwise.
  --python <python>
                  Run pip with the specified Python interpreter.
  -v, --verbose     Give more output. Option is additive, and can be
used up to 3 times.
  -V, --version     Show version and exit.
  -q, --quiet       Give less output. Option is additive, and can be
used up to 3 times (corresponding to WARNING,
ERROR, and CRITICAL logging levels).
  --log <path>     Path to a verbose appending log.
  --no-input        Disable prompting for input.
  --keyring-provider <keyring_provider>
                  Enable the credential lookup via the keyring
library if user input is allowed. Specify which
mechanism to use [disabled, import, subprocess].
(default: disabled)
```

## REFERENCES

<https://packaging.python.org/en/latest/tutorials/installing-packages/>