Linux

**Github**

Installing Git and verifying version:

---------- <BASH> ----------  
sudo apt-get update  
sudo apt-get install git  
git --version  
---------- <BASH> ----------

Setting up git account

---------- <BASH> ----------  
git config --global user.name "Your Git Name"  
git config --global user.email "youremail@example.com"  
---------- <BASH> ----------

Clone Github repository to your local machine (1) and navigate to the repository (2)

This assumes BASH context is set to the location where you want the repository to be placed

---------- <BASH> ----------  
git clone <https://github.com/yourusername/my_project.git>  
cd my\_project  
---------- <BASH> ----------

**Python**

**We will be using Python 3.11**

3rd line includes the Virtual Environment package

---------- <BASH> ----------  
sudo add-apt-repository ppa:deadsnakes/ppa  
sudo apt-get update  
sudo apt-get install python3.11 python3.11-venv  
---------- <BASH> ----------

Create Virtual Environment:

Navigate to your project directory (1) (or create using “mkdir”)

Create virtual environment (2), then activate (3)

---------- <BASH> ----------  
cd my\_project  
python3.11 -m venv venv  
source venv/bin/activate  
---------- <BASH> ----------

Install Packages:

Get requirements.txt from GitHub, place in project folder

With venv activated, install package

---------- <BASH> ----------  
pip install -r requirements.txt  
---------- <BASH> ----------

Windows

**Github**

Download and Install Git from <https://git-scm.com/download/win>

Verify git version:

---------- <CMD> ----------  
git --version  
---------- <CMD> ----------

Setting up git account

---------- <CMD> ----------  
git config --global user.name "Your Git Name"  
git config --global user.email "youremail@example.com"  
---------- <CMD> ----------

Navigate to the desired folder (1).

Clone Github repository to your local machine (2) and navigate to the repository (3)

---------- <CMD> ----------  
cd path\to\your\desired\folder  
git clone <https://github.com/yourusername/my_project.git>  
cd my\_project  
---------- <CMD> ----------

**Python**

**We will be using Python 3.11.9. When prompt during the Python install, check the box “Add Python to PATH” to ensure python and pip is accessible from the cmd.**

Download and Install Python 3.11.9 <https://www.python.org/downloads/release/python-3119/>

Verify Python and pip version

---------- <CMD> ----------  
python –version  
pip --version  
---------- <CMD> ----------

Create Virtual Environment:

Navigate to your project repository (1)

Create virtual environment (2), then activate (3)

---------- <CMD> ----------  
cd path\to\your\my\_project  
python -m venv venv  
venv\Scripts\activate  
---------- <CMD> ----------

Install Packages:

Get requirements.txt from GitHub, place in project folder

With venv activated, install package

---------- <BASH> ----------  
pip install -r requirements.txt  
---------- <BASH> ----------