1. Download python
2. Install pip by : copy and paste [these](https://bootstrap.pypa.io/get-pip.py) content in a file as **get-pip.py**
3. copy and paste **get-pip.py** into python folder.C:\Python27
4. Double click to **get-pip.py** file.it will install pip to your computer.
5. Repeat the same for **setuptool.py**
6. Download **protobuf** from <https://github.com/protocolbuffers/protobuf> ,**PS**: protobuf is not a command you convert your files using step 11
   1. install **protoc** by**:** download protoc-win form:<https://github.com/protocolbuffers/protobuf/releases>
   2. Add it to your PATH environment variable to be accessible from the calling directory when you're in the CMD as :”C:\proto3\bin”
   3. At the CMD: pip install protoc
7. Download **pycharm** from :<https://www.jetbrains.com/pycharm/download/#section=windows>
8. Build your **virtual environment** using: pip install virtualenv at the IDE command-terminal-
9. Install “**protobuf support**” to convert python files to protofiles
10. Install **all protobuf** pacakage from: file -- setting-- project:proto --project interpter --packages
11. Install **google** and **google-action**
12. Convert your proto files to meta using :protoc -I=filename/ --python\_out=filename/ packagename/filename.proto

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**NOTES**

* Shortcut to run: ctrl+f5
* Shortcut to increase font: ctrl+shift+A
* Name your package or any file as “enum” generate an error in enum installation
* “Import enum” is your .pb2 file solves the problem of enum installing in CMD or package
* At your .pb2 file in importing line :**import** complex\_pb2 **as** complex\_pb2 not **import** complex\_pb2 **as** complex.pb2 or anything else
* Q and clang for Syntax highlighting and Code completion