1. Download visual studio c++ tools [*https://visualstudio.microsoft.com/downloads/?q=build+tools*](https://visualstudio.microsoft.com/downloads/?q=build+tools)

Download the installer check for cpp tools and install

1. Install python (3.10.10) for windows from https://www.python.org/downloads/
2. During python installation make sure to check, set environment variable for python.
3. Open IntelliJ create new project (file->new project)
4. Cd to the working project directory
5. Open new terminal
6. Check for python version by

*>> python --version*

1. If it doesn’t identify python

Settings-> search for manage app execution aliases -> for python turn off the toggle.

1. Create gcpflow virtual environment under your project directory by installling virtualenv module

>> pip install virtualenv

>> virtualenv gcpflow

1. Now to activate gcpflow environment

>> .\gcpflow\Scripts\activate

1. Now in our environment some required module.

*>> pip install wheel setuptools* *pyarrow cmake*

1. To install apache beam

*>> pip install apache-beam[gcp]*

1. >> gcloud projects list Authenticate and select project.
2. Create a new .py code file