# [Python Setup](https://confluence.renesas.com/display/GMANUF/Python+Setup)

Next, the interpreter initializes a **Python Virtual Machine (PVM)** to converts the byte code into binary code. Here Python prints out the correct result if there are no high-level language errors. Otherwise, it prints out an error message.

<https://www.python.org/downloads/>

The basic Python interpreter allows you to execute single statements. However, if you want to execute multiple statements or build Python applications, you’ll need Integrated Development Environment (IDE) - **PyCharm**.

***Setup***

1. **Install Python**: We need to install Python on local machine by  downloading Python from the official website: <https://www.python.org/downloads/>  example - python-3.12.3-amd64.exe
2. Install Python using the exe file. It will install at location - **C:\Users\a5143522\AppData\Local\Programs\Python\Python312**

A screenshot of a computer

Description automatically generated

1. Add python.exe to Path then Step 4 and 5 are not needed.

A screenshot of a computer

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1. Add PYTHON\_HOME

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1. Add Path
2. **Install Requests Library**: The Jira script that we have developed uses the requests library to make HTTP requests to the Jira REST API. So install it using pip, the Python package installer, by running the following command in your terminal or command prompt: **pip install requests**

A computer screen shot of a program

Description automatically generated

C:\Users\a5143522>python --version  
Python 3.12.3

C:\Users\a5143522\CodeBase\PythonJobs>**python jira\_task\_count.py**  
C:\Users\a5143522\AppData\Local\Programs\Python\Python312\Lib\site-packages\urllib3\connectionpool.py:1103: InsecureRequestWarning: Unverified HTTPS request is being made to host '[jira.global.renesas.com](http://jira.global.renesas.com)'. Adding certificate verification is strongly advised. See: <https://urllib3.readthedocs.io/en/latest/advanced-usage.html#tls-warnings>  
  warnings.warn(  
Failed to retrieve data. Status code: 401

C:\Users\a5143522\CodeBase\PythonJobs>