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| Q3 budget report | |
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| Run your first python  Program on VS Code |
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**Running Python Programs in Visual Studio Code (VS Code)**

**Step 1: Install Python Extension**

* Open VS Code.
* Go to the **Extensions** sidebar (Ctrl+Shift+X).
* Search for **"Python"**.
* Install the **official Python extension by Microsoft**.

**Step 2: Set Up Python Interpreter**

* Press **Ctrl+Shift+P** to open the Command Palette.
* Search for **"Python: Select Interpreter"**.
* Choose your installed Python version (should display the Python path).

**Step 3: Create a Python File**

* Click on **"File > New File"**.
* Save the file with a .py extension (e.g., hello\_world.py).
* Write a simple Python program:

python

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print("Hello, World!")

**Step 4: Running the Python Program**

* There are three ways to run the program:
  + **Option 1: Click the "Run" Button** (Top-right corner of the editor).
  + **Option 2: Use the Terminal Command:**
    - Open Terminal (Ctrl+`).
    - Run:

bash

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python hello\_world.py

* + **Option 3: Right-Click and Select "Run Python File in Terminal".**

**Step 5: Checking the Output**

* You should see the output in the terminal:

bash

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Hello, World!

**Step 6: Troubleshooting (If It Doesn't Work)**

* Ensure Python is installed and added to the system PATH:

bash

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python --version

* If it shows an error, reinstall Python and ensure **"Add Python to PATH"** is checked.
* Make sure the Python interpreter is correctly set in VS Code.