# I. Setting up the Python environment and libraries

### AIM:

- Create a new notebook for Python
- Write and execute Python code
- Create new cells for code and Markdown
- Demonstrate the application of Jupyter Widgets

#### **PROCEDURE:**

- 1. Install Python and Jupyter Notebook using: pip install notebook.
- 2. Launch Jupyter Notebook by typing jupyter notebook in your terminal.
- 3. Click "New" > "Python 3" to create a new notebook.
- 4. Write Python code in a cell and press Shift + Enter to execute.
- 5. Add new cells using the "+" button, and switch cell types to Markdown for formatted text.

#### **PROGRAM:**

## **OUTPUT:**



## **RESULT:**

Thus, the given program was executed successfully.