1.Setting up the Python environment and libraries-Juypter Notebook
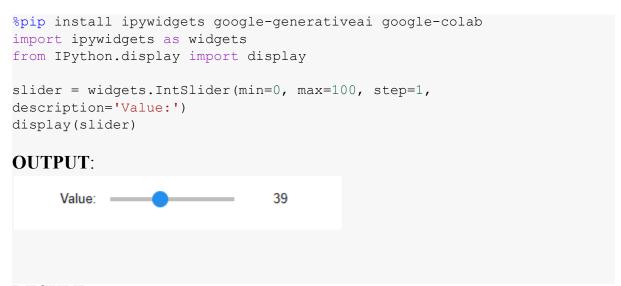
AIM:

🎬 To Create a new notebook for Python

🎬 To Write and execute Python code

🎬 To Create new cells for code and Markdown

🎬 To Demonstrate the application of Jupyter Widgets, Jupyter AI

PROGRAM:

```python
%pip install ipywidgets google-generativeai google-colab
import ipywidgets as widgets
from IPython.display import display

slider = widgets.IntSlider(min=0, max=100, step=1,
description='Value:')
display(slider)
```

OUTPUT:

RESULT:

Thus the program was written and executed successfully.