


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, Jupyter AI

CODE:

```
print("Hello, World!")
```

 Hello, World!

✓ This is a Heading

Here is some **bold text** and a list:

- Item 1
- Item 2

```
import ipywidgets as widgets
from IPython.display import display
slider = widgets.IntSlider(value=50, min=0, max=100, step=1,
description='Value:')
output = widgets.Output()
def on_value_change(change):
    output.clear_output()
    with output:
        print(f'Slider value is {change["new"]}')
slider.observe(on_value_change, names='value')
display(slider, output)
```



Value:  41

Slider value is 41

Result:

Thus the Setting up the python environment and libraries in Jupyter Notebook is done successfully.