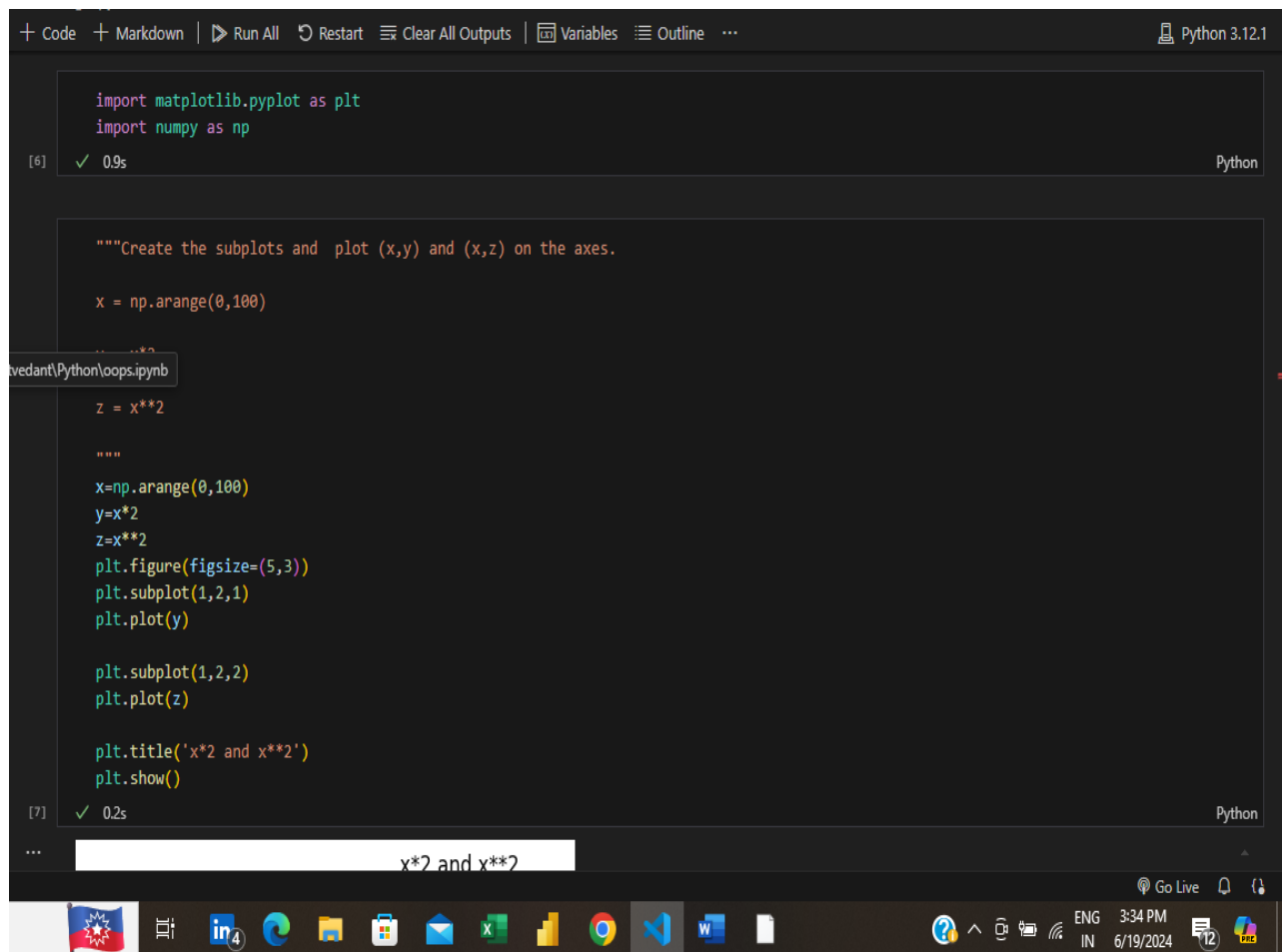


Create the subplots and plot (x,y) and (x,z) on the axes.

```
x = np.arange(0,100)
```

```
y = x*2
```

```
z = x**2
```



The screenshot shows a Jupyter Notebook interface with a dark theme. The top toolbar includes buttons for Code, Markdown, Run All, Restart, Clear All Outputs, Variables, Outline, and a Python 3.12.1 version indicator. The notebook contains two code cells. The first cell, labeled [6], contains the imports: `import matplotlib.pyplot as plt` and `import numpy as np`. The second cell, labeled [7], contains the main code: `x = np.arange(0,100)`, `y = x*2`, `z = x**2`, `plt.figure(figsize=(5,3))`, `plt.subplot(1,2,1)`, `plt.plot(y)`, `plt.subplot(1,2,2)`, `plt.plot(z)`, `plt.title('x*2 and x**2')`, and `plt.show()`. The output of the second cell is a white rectangular area with the text `x*2 and x**2`. The bottom status bar shows 'Go Live', a bell icon, and system information: 'ENG 3:34 PM 6/19/2024'.

```
import matplotlib.pyplot as plt
import numpy as np

[6] ✓ 0.9s Python

"""Create the subplots and plot (x,y) and (x,z) on the axes.

x = np.arange(0,100)

...
z = x**2

...

x=np.arange(0,100)
y=x*2
z=x**2
plt.figure(figsize=(5,3))
plt.subplot(1,2,1)
plt.plot(y)

plt.subplot(1,2,2)
plt.plot(z)

plt.title('x*2 and x**2')
plt.show()

[7] ✓ 0.2s Python

... x*2 and x**2
```

