

This Project is Created By Jyotirmay Chowdhury.

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This Python code uses the Matplotlib library to create a simple line graph. Here's a step-by-step explanation of the code:

```
import matplotlib.pyplot as plt
```

This line imports the `matplotlib.pyplot` module, which is a part of the Matplotlib library used for creating plots and graphs. It's typically aliased as `plt` for convenience.

```
x = [2, 4, 5]  
y = [2, 3, 6]
```

These lines define two lists, `x` and `y`, which represent the x and y coordinates of the points you want to plot. In this case, `x` contains `[2, 4, 5]`, and `y` contains `[2, 3, 6]`.

```
plt.plot(x, y)
```

This line uses the `plot` function from Matplotlib to create a line graph. It takes the `x` and `y` lists as inputs and plots the points (2, 2), (4, 3), and (5, 6) on the graph, connecting them with lines.

```
plt.xlabel('X Axis')
```

These lines set the labels for the x-axis and y-axis of the graph using the `xlabel` and `ylabel` functions. In this code, the x-axis is labeled as 'X Axis,' and the y-axis is labeled as 'Y Axis.'

```
plt.ylabel('Y Axis')
```

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This line sets the title of the graph using the `title` function. The title of the graph is set to 'Demo Graph.'

```
plt.title('Demo Graph ')\n\nplt.show()
```

Finally, this line displays the graph. The `show` function is called to render the plot on the screen. After running this code, you should see a simple line graph with the specified data points, axis labels, and title.