day 1

In [1]:
```
1
```

Out[1]: 1

In [2]:
```
1-2
```

Out[2]: -1

In [3]:
```
1+2
```

Out[3]: 3

In [4]:
```
1*2
```

Out[4]: 2

In [5]:
```
4/2
```

Out[5]: 2.0

In [6]:
```
4//2
```

Out[6]: 2

In [7]:
```
3*3
```

Out[7]: 9

In [8]:
```
3**3
```

Out[8]: 27

In [9]:
```
3**4
```

Out[9]: 81

In [10]:
```
_
```

Out[10]: 81

In [11]:
```
_+19
```

Out[11]: 100

In [12]:
```
_-20
```

Out[12]: 80

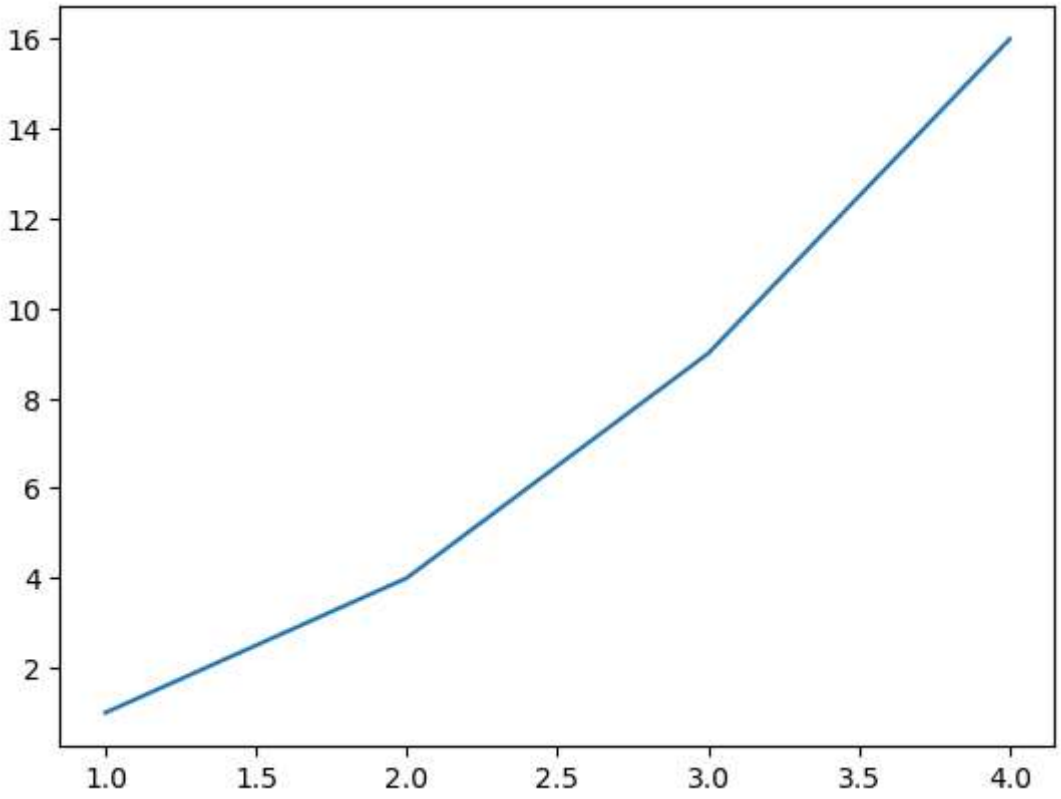
In [13]:
```
(3+3)+54*2
```

Out[13]: 114

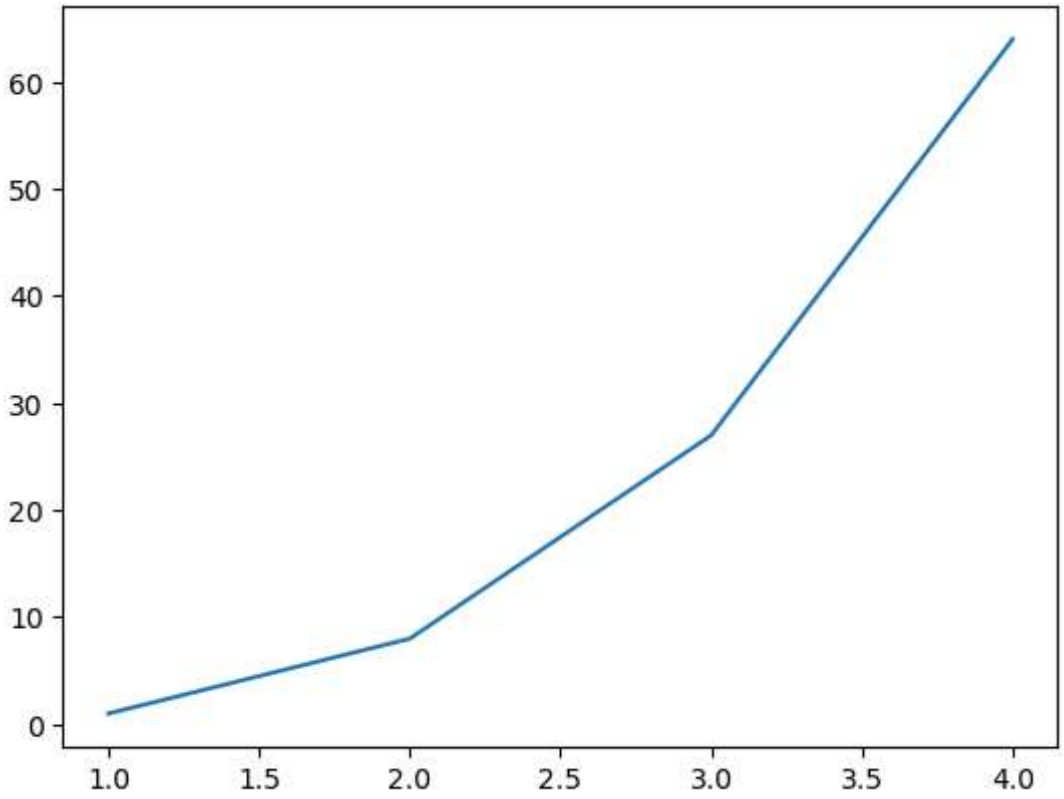
In [14]:
```
3+(3+5)*4
```

Out[14]: 35

In [15]:
```
import matplotlib.pyplot as plt
plt.plot([1, 2, 3, 4], [1, 4, 9, 16])
plt.show()
```



In [16]:
```
plt.plot([1, 2, 3, 4], [1, 8, 27, 64])
plt.show()
```



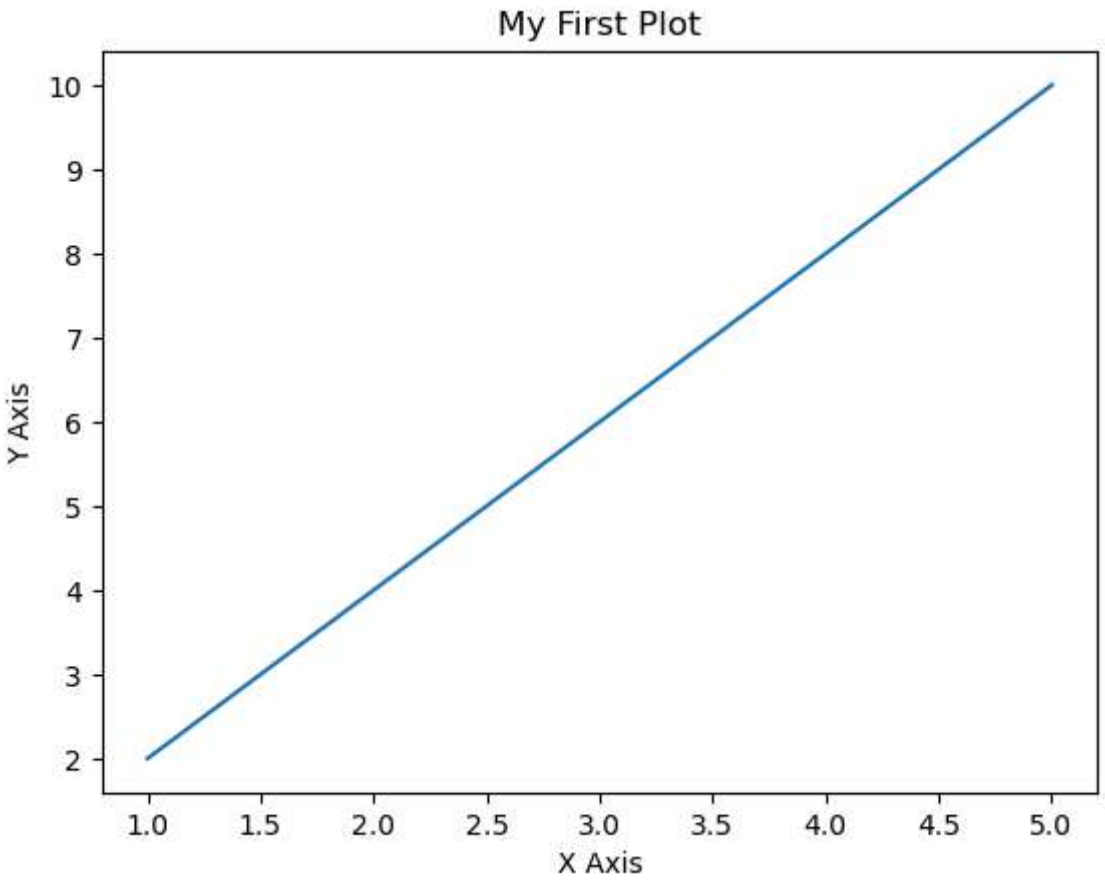
In [17]:
```
import matplotlib.pyplot as plt

x = [1, 2, 3, 4, 5]
y = [2, 4, 6, 8, 10]

plt.plot(x,y)

plt.title('My First Plot')
plt.xlabel('X Axis')
plt.ylabel('Y Axis')

plt.show()
```



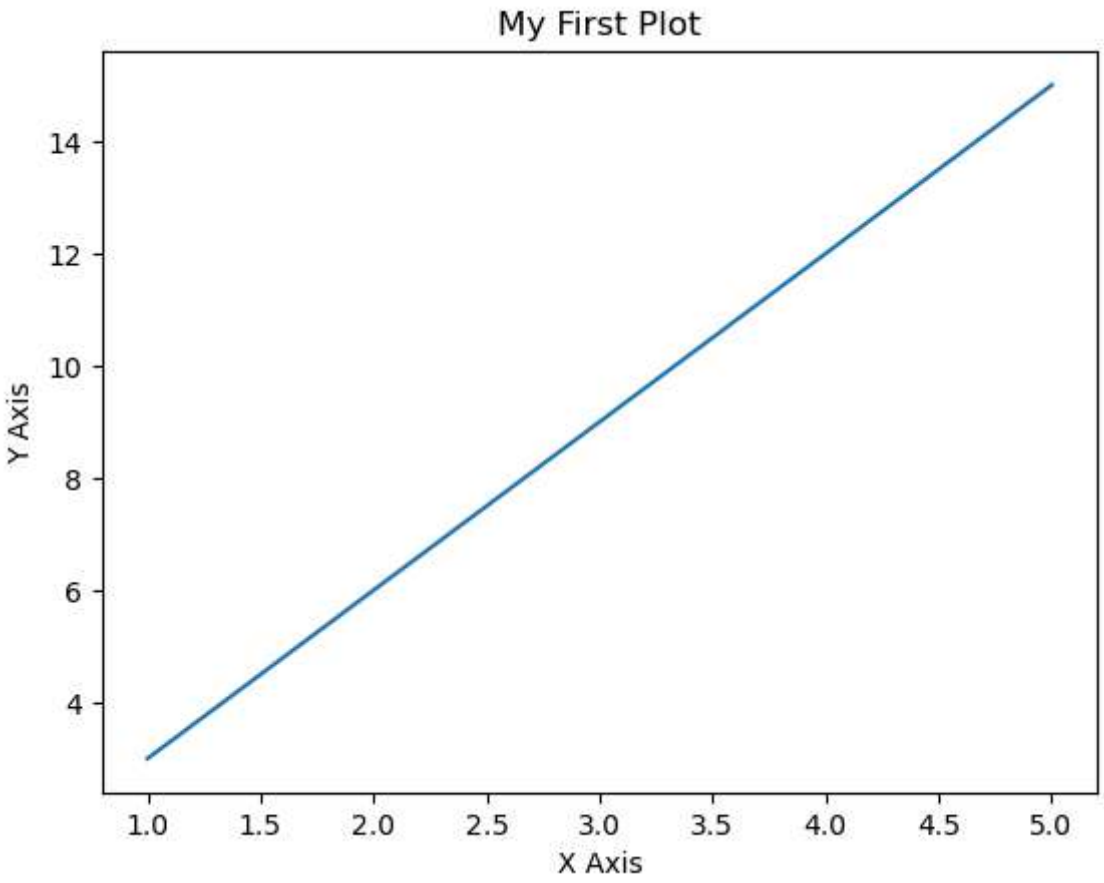
In [18]:
```
import matplotlib.pyplot as plt

x = [1, 2, 3, 4, 5]
y = [3, 6, 9, 12, 15]

plt.plot(x,y)

plt.title('My First Plot')
plt.xlabel('X Axis')
plt.ylabel('Y Axis')

plt.show()
```



In [ ]: