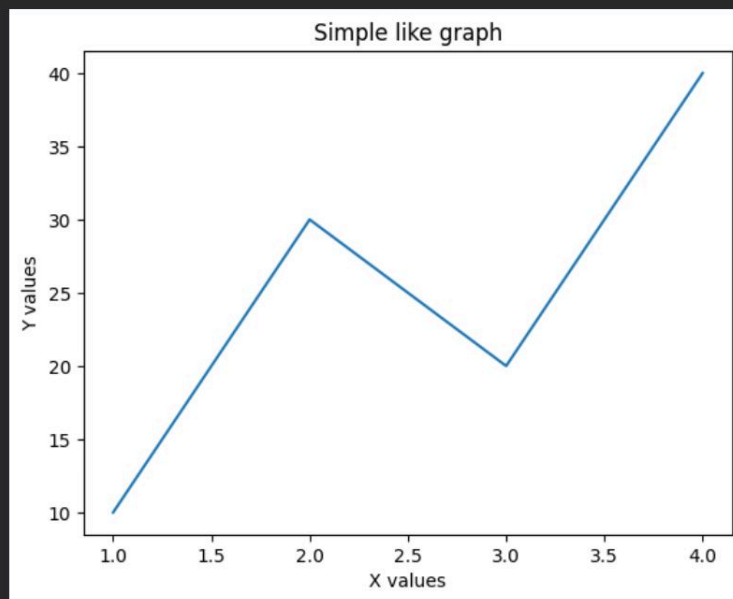


```
[ ] import matplotlib.pyplot as plt
x=[1,2,3,4]
y=[10,30,20,40]
plt.plot(x,y)
plt.xlabel("X values")
plt.ylabel("Y values")
plt.title("Simple like graph")
plt.show()
```




```
[ ] class Bank:
    def __init__(self, balance):
        self.balance = balance
    def show_balance(self):
        print("Balance:", self.balance)
b = Bank(5000)
b.show_balance()
```



Balance: 5000



```
[ ]  class tester:
    def __init__(self, id):
        self.id = str(id)
        id="224"
temp = tester(12)
print(temp.id)
```



... 12

```
[ ] a = 10
b = 3
```



```
[ ] class Bank:
    def __init__(self, balance):
        self.balance = balance
    def show_balance(self):
        print("Balance:", self.balance)
b = Bank(5000)
b.show_balance()
```

Balance: 5000

```
[ ] class tester:
    def __init__(self, id):
        self.id = str(id)
        id="224"
temp = tester(12)
print(temp.id)
```

... 12

```
[ ] a = 10
b = 3
print(a // b + a % b)
```

4

```
[ ] a = [1,2]
b = a[:]
b.append(3)
print(a)
```

[1, 2]


```
[ ] def rec(n):
    if n == 0:
        return 0
    return n + rec(n-1)

print(rec(3))
```

6

[]



≡  Untitled2.ipynb

S

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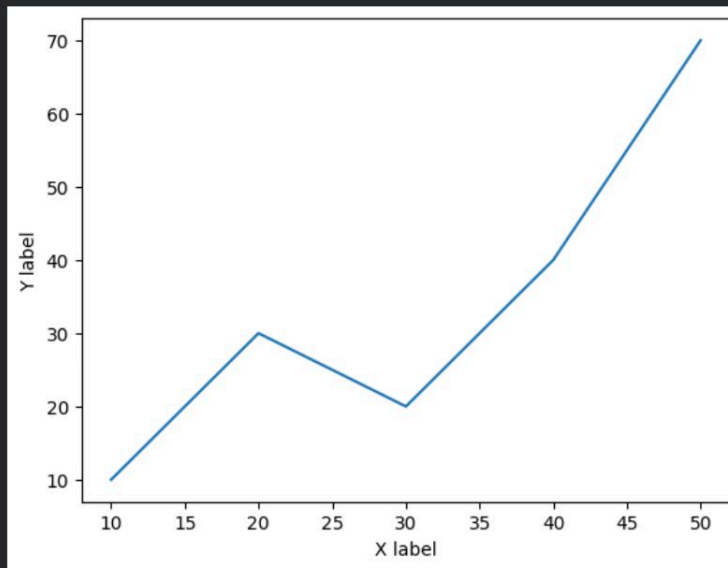
RAM

Disk

[4]

✓ 0s

```
import matplotlib.pyplot as plt
x=[10,20,30,40,50]
y=[10,30,20,40,70]
plt.plot(x,y)
plt.xlabel("X label")
plt.ylabel("Y label")
plt.show()
```

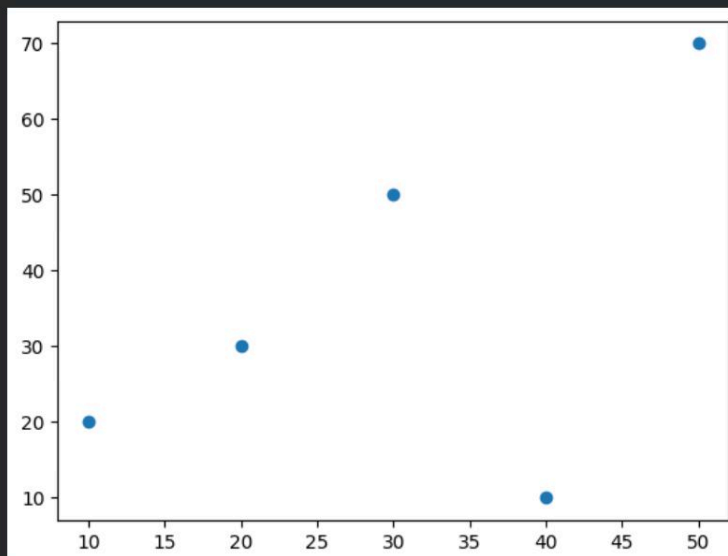


[6]

✓ 0s



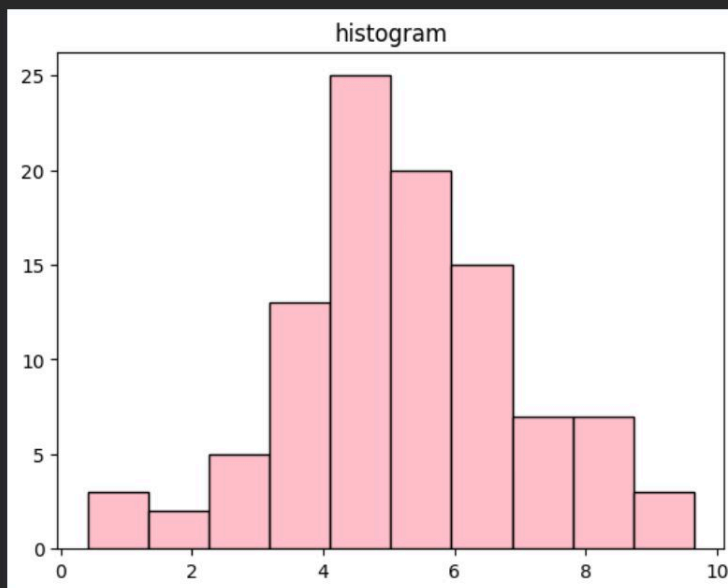
```
x=[10,20,30,40,50]
y=[20,30,50,10,70]
plt.scatter(x,y)
plt.show()
```



[35]

✓ 0s

```
import numpy as np
data=np.random.normal(5,2,100)
plt.hist(data,color="pink",edgecolor="black")
plt.title("histogram")
plt.show()
```

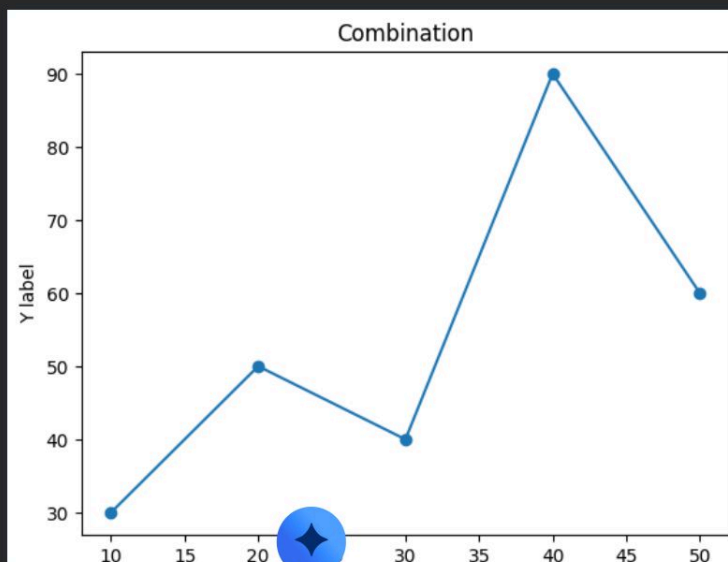


[39]

✓ 0s



```
x=[10,20,30,40,50]
y=[30,50,40,90,60]
plt.plot(x,y)
plt.scatter(x,y)
plt.xlabel("X label")
plt.ylabel("Y label")
plt.title("Combination")
plt.show()
```

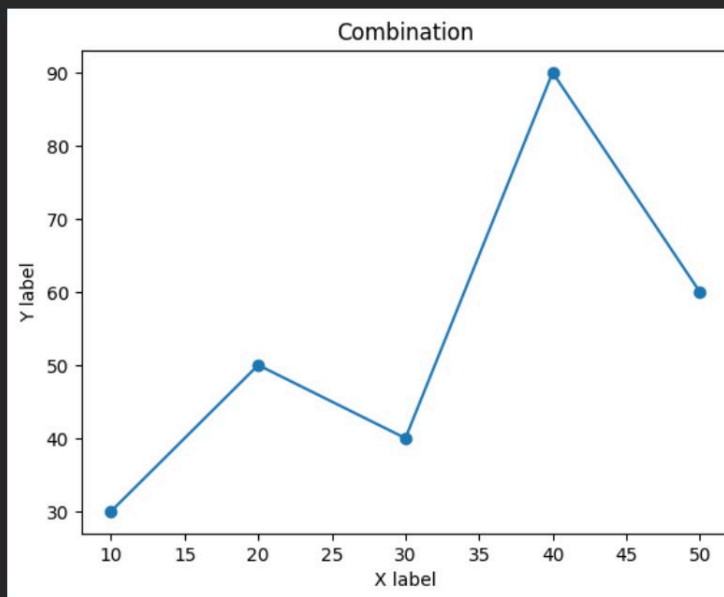


[42]

✓ 0s



```
x=[10,20,30,40,50]
y=[30,50,40,90,60]
plt.plot(x,y)
plt.scatter(x,y)
plt.xlabel("X label")
plt.ylabel("Y label")
plt.title("Combination")
plt.show()
```

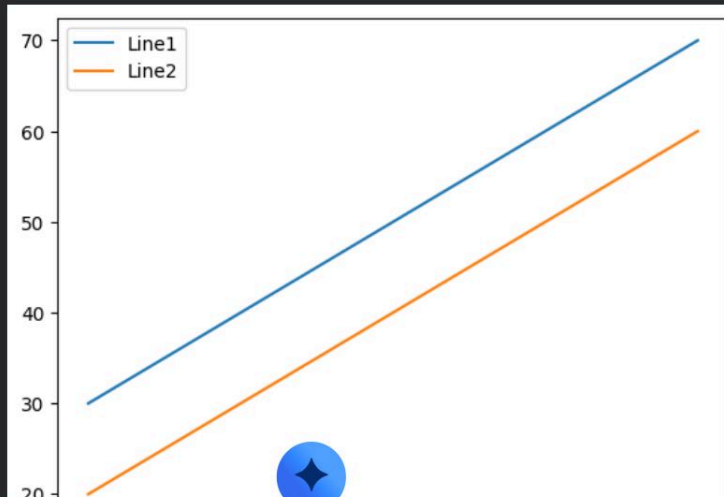


[46]

✓ 0s



```
x=[10,20,30,40,50]
y=[30,40,50,60,70]
z=[20,30,40,50,60]
plt.plot(x,y,label="Line1")
plt.plot(x,z,label="Line2")
plt.legend()
plt.show()
```

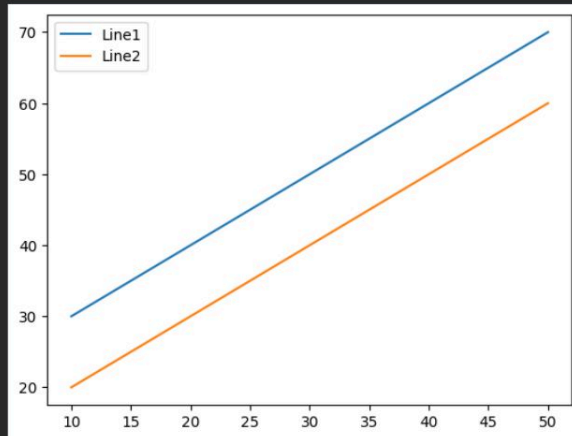


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✓ RAM Disk [46]
✓ 0s

```
x=[10,20,30,40,50]
y=[30,40,50,60,70]
z=[20,30,40,50,60]
plt.plot(x,y,label="Line1")
plt.plot(x,z,label="Line2")
plt.legend()
plt.show()
```

[50]
✓ 0s

```
import pandas as pd
df=pd.read_csv("students_data.csv")
plt.plot(df["Student_ID"],df["Maths"],marker='o',linestyle='--')
plt.xlabel("Student ID")
plt.ylabel("Maths marks")
plt.title("Maths marks trend")
plt.show()
```

