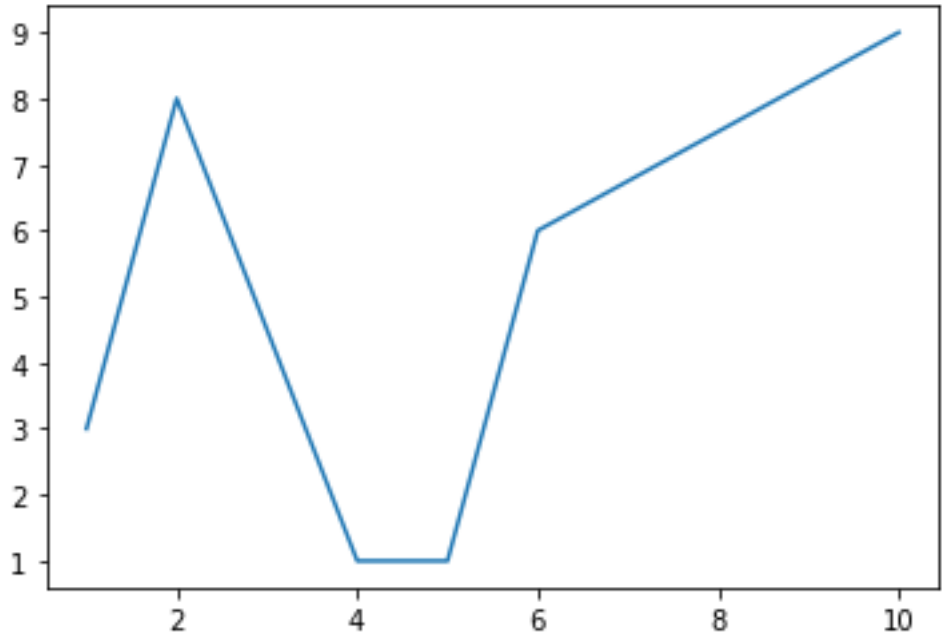
#Code for Exercise 1

```
fig, fig1 = plt.subplots()
print("\nExercise 1")
fig1.plot([1, 2, 4, 5, 6, 10], [3, 8, 1, 1, 6, 9])
```

OUTPUT:

Exercise 1



#Code for Exercise 2

```
revx = np.linspace(0, 50, 100)

revy = np.linspace(0, 100, 100)

costx = np.linspace(0, 50, 100)

costy = np.linspace(20,60,100)

fig, fig2 = plt.subplots()

print("\nExercise 2")

fig2.plot(costx, costy,label = 'Cost')

fig2.plot(revx, revy, label='Revenue')

fig2.set_xlabel('Items Sold')

fig2.set_ylabel('Dollars ($)')

fig2.set_title("Cost Revenue Projection")

fig2.legend()
```

OUTPUT:

Exercise 2