

EXP:20

```
from sklearn.linear_model import LinearRegression
```

```
import numpy as np
```

```
months = np.array([[1],[2],[3],[4],[5]])
```

```
sales = np.array([200,300,400,500,600])
```

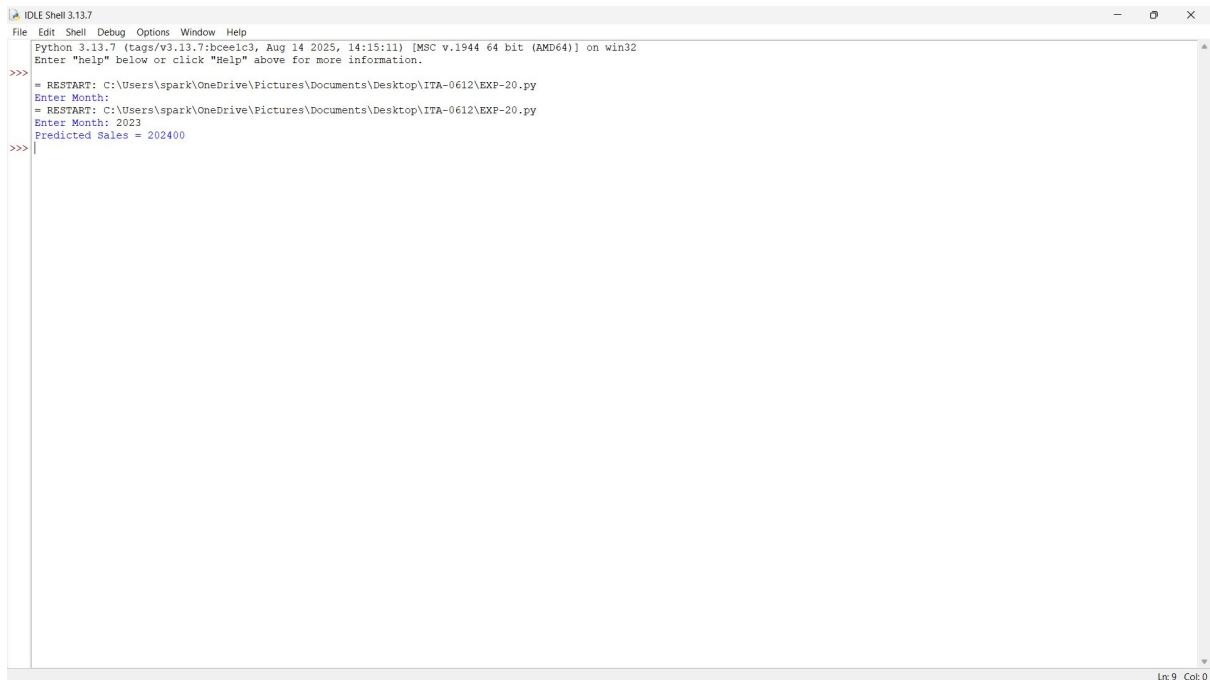
```
model = LinearRegression()
```

```
model.fit(months,sales)
```

```
month = int(input("Enter Month: "))
```

```
prediction = model.predict([[month]])
```

```
print("Predicted Sales =", int(prediction[0]))
```



```
IDLE Shell 3.13.7
File Edit Shell Debug Options Window Help
Python 3.13.7 (tags/v3.13.7:bceelc3, Aug 14 2025, 14:15:11) [MSC v.1944 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
= RESTART: C:\Users\spark\OneDrive\Pictures\Documents\Desktop\ITA-0612\EXP-20.py
Enter Month:
= RESTART: C:\Users\spark\OneDrive\Pictures\Documents\Desktop\ITA-0612\EXP-20.py
Enter Month: 2023
Predicted Sales = 202400
>>>
```

Ln: 9 Col: 0