

EXP:17

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

```
import numpy as np
```

```
X = np.array([[2],[4],[6],[8]])
```

```
y = np.array([8000,15000,22000,30000])
```

```
model = LinearRegression()
```

```
model.fit(X,y)
```

```
ram = int(input("Enter RAM (GB): "))
```

```
price = model.predict([[ram]])
```

```
print("Predicted Mobile Price =", int(price[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-17.py
Enter RAM (GB): 5
Predicted Mobile Price = 18750
>>>
```