```python
import matplotlib.pyplot as plt
import pandas as pd


# Read Dataset
dataset=pd.read_csv("hours.csv")
X=dataset.iloc[:,:-1].values
y=dataset.iloc[:,1].values


# Import the Linear Regression and Create object of it
from sklearn.linear_model import LinearRegression
regressor=LinearRegression()
regressor.fit(X,y)
print ("Accuracy :", regressor.score(X, y)*100)
```

```
    Accuracy : 43.709481451010035
```

```python
# Predict the value using Regressor Object
y_pred=regressor.predict([[8]])
print(y_pred)
```
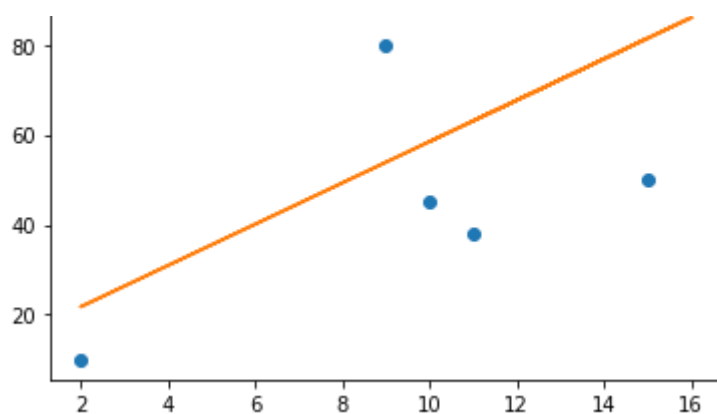
```
    [49.28781684]
```

```python
# Take user input
hours=int(input('Enter the no of hours:'))
```

```
    Enter the no of hours:10
```

```python
#calculate the value of y
eq=regressor.coef_*hours+regressor.intercept_
print ('y = %f*%f+%f' %(regressor.coef_,hours,regressor.intercept_))
#print("y :")
#print(y)
print("Risk Score : ", eq[0])
plt.plot(X,y,'o')
plt.plot(X,regressor.predict(X));
plt.show()
```

```
y = 4.587899*10.000000+12.584628
Risk Score :  58.4636140637776
```


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