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

print(X)

print(y)

# 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)

# Predict the value using Regressor Object

y\_pred=regressor.predict([[10]])

print(y\_pred)

# Take user input

hours=int(input('Enter the no of hours:'))

#calculate the value of y

eq=regressor.coef\_\*hours+regressor.intercept\_

print("Risk Score : ", eq[0])

plt.plot(X,y,'o')

plt.plot(X,regressor.predict(X));

plt.show()