```python
Import numpy a snp

Import pandas as pd

From sklearn.model_selection import train_test_split

From sklearn.linear_model import LinearRegression


data={'Position':['CEO','charman','director','SeniorManager','JuniorManager','Intern'],'Level':[1,2,3,4,5,6],
'Salary':[50000,80000,110000,150000,200000,250000]}

df=pd.DataFrame(data)

x=df.iloc[:,1:2].values

y=df.iloc[:,2].values


x_train,X_test,y_train,y_test=train_test_split(X,y,test_size=0.3,random_state=0)#Printthetrainingandtestingsets

print("X_train:\n",X_train)

print("y_train:\n",y_train)

print("X_test:\n",X_test)

print("y_test:\n",y_test)


regressor=LinearRegression()

regressor.fit(X_train,y_train)


print("Coefficients:",regressor.coef_)

print("Intercept:",regressor.intercept_)
```