

RINEX MAJOR PROJECT

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```
import pandas as pd
df = pd.read_csv('/content/Student_Marks.csv')
df
```

#Input values[number of course and number of hours studied)

#output value[marks obtained]

```
x = df.iloc[:,0:2].values
x
```

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

#train test split function

```
from sklearn.model_selection import train_test_split
x_train,x_test,y_train,y_test = train_test_split(x,y,random_state = 0)
```

#applying the classifier

```
from sklearn.linear_model import LinearRegression
model = LinearRegression()
```

#fitting the model

```
model.fit(x_train,y_train)
```

#assigning a variable for the prediction

```
y_pred = model.predict(x_test)  
y_pred
```

**#It predicts the student's marks based on the input given of
number of courses and number of hours studied**

```
model.predict([[3,4.5]])
```

