In [2]:
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
```

In [4]:
```
```

Out[4]:

	User ID	Gender	Age	EstimatedSalary	Purchased
0	15624510	Male	19	19000	0
1	15810944	Male	35	20000	0
2	15668575	Female	26	43000	0
3	15603246	Female	27	57000	0
4	15804002	Male	19	76000	0

In [23]:
```
# input
x = dataset.iloc[:, 2:4].values

# output
```

In [24]:
```
from sklearn.model_selection import train_test_split
xtrain, xtest, ytrain, ytest = train_test_split(
```

In [25]:
```
from sklearn.linear_model import LogisticRegression
classifier = LogisticRegression(random_state = 0)
```

Out[25]:
```
LogisticRegression(random_state=0)
```

In [26]:
```
```

In [27]:
```
from sklearn.metrics import confusion_matrix
cm = confusion_matrix(ytest, y_pred)
```

```
Confusion Matrix :
 [[68  0]
 [32  0]]
```

In [28]:
```
from sklearn.metrics import accuracy_score
```

```
Accuracy :  0.68
```

In [ ]:
```
```