

## EXPERIMENT – 19

### PROGRAM:

```
from sklearn.naive_bayes import GaussianNB

import pandas as pd

data = {'Income': [50000,30000,70000,40000], 'CreditScore': [650,500,800,600], 'Loan':
[1,0,1,0]}

df = pd.DataFrame(data)

X = df[['Income','CreditScore']]

y = df['Loan']

model = GaussianNB()

model.fit(X, y)

income = float(input("Enter Income: "))

credit = float(input("Enter Credit Score: "))

print("Loan Approved (1=Yes,0=No):", model.predict([[income, credit]])[0])
```