

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])
```