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import pandas as pd
import numpy as np
from sklearn.linear_model import LogisticRegression

cam=pd.read_csv("/content/drive/MyDrive/Campus_Selection.csv")
cam.head()

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```



```
Logr.fit(ind_encoded,dep)
LogisticRegression()

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gender_input = input("enter gender (Male/Female):")
if gender_input.lower() == 'male':
    gender_encoded = 1
elif gender_input.lower() == 'female':
    gender_encoded = 0
else:
    print("Invalid gender input. Please enter 'Male' or 'Female'.")  
    gender_encoded = None

enter gender (Male/Female):male

if gender_encoded is not None:
    ssc_p=int(input("enter ssc_p:"))
    hsc_p=int(input("enter the hsc_p:"))
    degree_p=int(input("enter the degree_p:"))

enter ssc_p:98
enter the hsc_p:78
enter the degree_p:85

pred=Logr.predict([[ssc_p, hsc_p, degree_p, gender_encoded]])
print(pred)

['Placed']

/usr/local/lib/python3.12/dist-packages/sklearn/utils/
validation.py:2739: UserWarning: X does not have valid feature names,
but LogisticRegression was fitted with feature names
warnings.warn(


Logr.score(ind_encoded,dep)

0.8558139534883721

from sklearn.metrics import accuracy_score
pval=Logr.predict(ind_encoded)
accuracy_score(dep,pval)

0.8558139534883721
```