```
import pickle


l = pickle.load(open('/content/student.pxl','rb'))


print("Enter the following values (as integers based on encoding):")
gender = int(input("Gender (0 = Male, 1 = Female): "))
race = int(input("Race (0 = Group A, 1 = Group B, 2 = Group C, 3 = Group D, 4 = Group E): "))
parent_edu = int(input("Parental Education (0 = Bachelor, 1 = High School, 2 = Master, 3 = Some College): "))
lunch = int(input("Lunch (0 = Free/Reduced, 1 = Standard): "))
test_prep = int(input("Test Preparation (0 = Completed, 1 = None): "))
math = int(input("Math Score (0–100): "))
reading = int(input("Reading Score (0–100): "))
writing = int(input("Writing Score (0–100): "))
attendance = int(input("Attendance (0–100): "))
prev_grades = int(input("Previous Grades (0–100): "))
```

```
Enter the following values (as integers based on encoding):
Gender (0 = Male, 1 = Female): 0
Race (0 = Group A, 1 = Group B, 2 = Group C, 3 = Group D, 4 = Group E): 3
Parental Education (0 = Bachelor, 1 = High School, 2 = Master, 3 = Some College): 2
Lunch (0 = Free/Reduced, 1 = Standard): 1
Test Preparation (0 = Completed, 1 = None): 0
Math Score (0–100): 97
Reading Score (0–100): 78
Writing Score (0–100): 98
Attendance (0–100): 89
Previous Grades (0–100): 90
```

```
sample = [[gender, race, parent_edu, lunch, test_prep, math, reading, writing, attendance, prev_grades]]

a = l.predict(sample)

print("\nPredicted Performance:", "High" if a[0] == 0 else "Low")
```

```
Predicted Performance: High
/usr/local/lib/python3.11/dist-packages/sklearn/utils/validation.py:2739: UserWarning: X does not have valid featu
  warnings.warn(
```

```
from sklearn.metrics import accuracy_score
```

Start coding or generate with AI.