Umair Ahmad (003)

Source Code

ML.py > ...

```python
class Student:
    def __init__(self, name, age, gpa, marks):
        self.name = name
        self.age = age
        self.gpa = gpa
        self.marks = marks
        self.percentage = (sum(marks) / len(marks)) * 100

# Creating instances of students
students = [
    Student("umair", 20, 3.8, [85, 90, 92, 88, 95]),
    Student("ahmad", 21, 3.5, [78, 85, 80, 82, 88]),
    Student("amir", 19, 3.9, [92, 95, 90, 88, 94]),
    Student("saif", 22, 3.6, [80, 85, 82, 78, 90])
]

# Printing student information
for student in students:
    print(f"Name: {student.name}")
    print(f"Age: {student.age}")
    print(f"GPA: {student.gpa}")
    print(f"Marks: {student.marks}")

```

Result

```
PS D:\> & C:/Users/Admin/AppData/Local/Programs/Python/Python312/python.exe d:/ML.py
Name: umair
Age: 20
GPA: 3.8
Marks: [85, 90, 92, 88, 95]
Name: ahmad
Age: 21
GPA: 3.5
Marks: [78, 85, 80, 82, 88]
Name: amir
Age: 19
GPA: 3.9
Marks: [92, 95, 90, 88, 94]
Name: saif
Age: 22
GPA: 3.6
Marks: [80, 85, 82, 78, 90]
PS D:\>
```