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MLpy > ...
1 class Student:
2     def __init__(self, name, age, gpa, marks):
3         self.name = name
4         self.age = age
5         self.gpa = gpa
6         self.marks = marks
7         self.percentage = (sum(marks) / len(marks)) * 100
8
9 # Creating instances of students
10 students = [
11     Student("umair", 20, 3.8, [85, 90, 92, 88, 95]),
12     Student("ahmad", 21, 3.5, [78, 85, 80, 82, 88]),
13     Student("amir", 19, 3.9, [92, 95, 90, 88, 94]),
14     Student("saif", 22, 3.6, [80, 85, 82, 78, 90])
15 ]
16
17 # Printing student information
18 for student in students:
19     print(f"Name: {student.name}")
20     print(f"Age: {student.age}")
21     print(f"GPA: {student.gpa}")
22     print(f"Marks: {student.marks}")
23
```

Out put

```
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:\> █
```