

NAME: IMMADI N M S ARYA

QUESTION: Write down a program to input the names five students from the user and display their marks in four subjects (Subject name should be displayed along with the marks) with the help of class and objects in Python 3 Simulator.

PROGRAM

19ELC202 - LAS SHEET - 2 - AM.EN.U4ELC20016.py - C:\Users\meher\OneDrive - Amrita university\AMRITA - SE...

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```
a1 = input("NAME_student1:")
a2 = input("NAME_student2:")
a3 = input("NAME_student3:")
a4 = input("NAME_student4:")
a5 = input("NAME_student5:")

class student:
    def __init__(self, name,**b):
        self.name = name
        self.marks = b

    def display(self):
        print("NAME", self.name)
        print("MARKS", self.marks)

s1 = student(a1 , Maths = 50 , Physics = 48 , chemistry = 49 , Biology = 47)
s1.display()
s2 = student(a2 , Maths = 40 , Physics = 46 , chemistry = 45 , Biology = 44)
s2.display()
s3 = student(a3 , Maths = 42 , Physics = 47 , chemistry = 44 , Biology = 47)
s3.display()
s4 = student(a4 , Maths = 38 , Physics = 37 , chemistry = 39.5 , Biology = 33)
s4.display()
s5 = student(a5 , Maths = 43 , Physics = 45 , chemistry = 50 , Biology = 50)
s5.display()
```

OUTPUT

IDLE Shell 3.9.7

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```
Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\meher\OneDrive - Amrita university\AMRITA - SEMESTER - 2\AMRITA\19ELC202 - LAS SHEET - 2 - AM.EN.U4ELC20016.py
NAME_student1:AMAL
NAME_student2:ABINAVA
NAME_student3:PRABHAS
NAME_student4:ARYA
NAME_student5:SELVA
NAME AMAL
MARKS {'Maths': 50, 'Physics': 48, 'chemistry': 49, 'Biology': 47}
NAME ABINAVA
MARKS {'Maths': 40, 'Physics': 46, 'chemistry': 45, 'Biology': 44}
NAME PRABHAS
MARKS {'Maths': 42, 'Physics': 47, 'chemistry': 44, 'Biology': 47}
NAME ARYA
MARKS {'Maths': 38, 'Physics': 37, 'chemistry': 39.5, 'Biology': 33}
NAME SELVA
MARKS {'Maths': 43, 'Physics': 45, 'chemistry': 50, 'Biology': 50}
>>> |
```