

In [ ]:

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'''Write a program that has a class Person, inherit a class Student from Person which is having MarksAttendance. Assume the attributes for Person class as: USN, Name, dob, gender. Attributes for Student class as: class, branch, year, MA. Attributes for MarksAttendance: Marks, Attendance. Create a student S = Student("ILAB16CS005","XYZ","18-1-90","M",85,98) and display the details of the student.'''
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In [1]:

```
class Person:  
    def __init__(self, USN, Name, dob, gender):  
        self.USN = USN  
        self.Name = Name  
        self.dob = dob  
        self.gender = gender  
  
class Student(Person):  
    def __init__(self, USN, Name, dob, gender, Marks, Attendance):  
        super().__init__(USN, Name, dob, gender)  
        self.Marks = Marks  
        self.Attendance = Attendance  
  
class MarksAttendance:  
    def __init__(self, Marks, Attendance):  
        self.Marks = Marks  
        self.Attendance = Attendance  
  
# Create an instance of the Student class  
S = Student("ILAB16CS005", "XYZ", "18-1-90", "M", 85, 98)  
  
# Display the details of the student  
print("USN:", S.USN)  
print("Name:", S.Name)  
print("Date of Birth:", S.dob)  
print("Gender:", S.gender)  
print("Marks:", S.Marks)  
print("Attendance:", S.Attendance)
```

USN: ILAB16CS005

Name: XYZ

Date of Birth: 18-1-90

Gender: M

Marks: 85

Attendance: 98

In [ ]: