

In []:

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'''Write a program that has a class Person, inherit a class Student from Person which is ha
MarksAttendance. Assume the attributes for Person class as: USN, Name, dob, gender. Attribu
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 detai
student.'''
```

In [1]:

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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 []: