

BSc.IT. 3rd Sem
Object Oriented Programming (304) Assignment-III

1. Design a class called "Vehicle" which contains appropriate data members. Design a class "two-Wheeler" from vehicle which contains data member's distance and mileage. Use overloading techniques. Assume further classes for inheritance and demonstrate the use of Multi-level inheritance for the above problem.
2. Design a base class Patient and IPD(ward_no, bed_no, charge_per_day). Derive a class IPD-Patient from these two base classes with no_of_days admitted.
3. Design Employee Management System.
 - a) Design appropriate classes and make use of inheritance.
 - b) Make use of constructors to initialize the members.
4. Design billing system for Super Market.
 - a) Design appropriate classes and make use of inheritance.
 - b) Make use of constructors to initialize the members.