BSc.IT.3ʳᵈSem
ObjectOrientedProgramming(305)Assignment-IV

1. Designaclasscalled"Vehicle"whichcontainsappropriatedatamembers.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. DesignabaseclassPatientandIPD(ward_no,bed_no,charge_per_day).Derivea class IPD-Patient from these two base classes with no_of_days admitted.

3. DesignEmployeeManagementSystem.
   a) Designappropriateclassesandmakeuseofinheritance.
   b) Makeuseofconstructorstoinitializethemembers.

4. DesignbillingsystemforSuper Market.
   a) Designappropriateclassesandmakeuseofinheritance.
   b) Makeuseofconstructorstoinitializethemembers.