1) A Private bank contains list of regular customer accounts. Bank account includes the following data members like Name of the depositor, A/C No, Type of Account, Balance of amount in the account and also account transactions like withdraw / deposit and to check account balance. Using Single inheritance Design a java application to display the customer details.

2) In Chennai Corporation house tax is levied annually. If the house is under owner’s occupation then the tax is levied as 0.8% of the total value of the property. If the property is rented, then 20% of the annual rent is the annual house tax for the property.

Define a class House and a derived class RentedHouse and implement the taxing procedure. You program should be repeat the process till the user wishes to continue.

3)

Create a class named TaxPayer. Data fields for TaxPayer include Social Security number (type long) and yearly gross income. Methods include a constructor that requires values for both data fields and two get methods that returns each of the data field values. The gross income should be in the range from Rs.10000 to Rs.100,000.

Write a JAVA program named UseTaxPayer that declares an array of 10 Taxpayer objects and display the 10 Taxpayer objects.