* + Use interfaces for the exercises below. You may need to replace abstract classes done in the previous session with interfaces.

1.There here are two types of employees, "Salaried Employee” and "Hourly Employee”. Salaried employees have the details - employee number, employee name, basic pay, dearness allowance, house rent allowance and taxes. The hourly employees have the details employee number, employee name, number of hours worked, wages per hour and overtime worked. Calculate the gross and net pay for both type of employees

2.ABC Bank has two types of accounts - Savings Account and Current Account. Savings Account has the details such as account number, customer name, balance and the minimum balance a customer needs to maintain. Current Account has details such as account number, customer name, balance and the customers of current account are permitted a overdraft amount upto a certain limit. Write a program to perform the transactions such as withdraw and deposit for both type of accounts.

3.XYZ departmental stores have asked you to develop software to manage its inventory of items. Following details for each item are available  Name of the item, Number in stock, Distributor's name, Price, Item Code and Minimum desirable stock level that has to be maintained - if the stock goes beyond the level, order the minimum allowable reorder quantity from the distributor

Some items such as dairy product also have expiry date. Such items are to be removed after the expiry date

Certain items such as medicines have expiry date and have some password associated with them. Such items with expiry date are also removed after expiry date similar to dairy products.

Design an object oriented solution using inheritance for the above and implement the same using Java

4.  Design and write a Java Program for implementing different Shapes such as Rectangle, Circle and Triangle. Use Interfaces.