**SOLVE 2, 4 and 5**

1. Design for insurance system where insurance is provided based on following parameters .

If person is married he/she is insured

If person is unmarried and female with age 25 and above is insured.

If person is unmarried and male with age 30 and above is insured.

WAP to take input gender, age and marital status as input. Find whether person is insured or not.

1. take input amount of 5 invoices

add all the invoices whose value is greater than 1000

and print the sum of these invoices

ex: 120 1200 3000 400 5000

1200+3000+5000 = 9200

ADVANCE

1) take the input until user enters -1

2) print the count of invoices with amount >= 1000 : count = 3

1. Suppose you are designing an application for ticket counter

Implement the following using do-while

ask the clerk the choice :

1. display ticket details :

Age Price

below 5 free

>5 to 15 100

>15 150

2. purchase tickets

Ask how many tickets.

Then ask age of every customer

and calculate the total amount to be paid by the customer

3. exit

the program continues to take input until clerk wishes to exit

1. password verification

can create a variable to temporary store the right password

1234

ask the user to enter the password to log in

1233

stop the program either the password entered is correct

or the no of tries are over

1. Create a class Brand with brandid, brandname and location as parameter

Create a class Product with prodid, prodname, description, Brand , price.  
Implement constructors, getters, setters toString respectively.  
Create a class with main method and create 2 objects for product for different brands and display it