ARRAY-PRACTICE QUESTIONS

1. Write a Flowgorithm Script that find the product of elements of an array
2. Write a Flowgorithm Script that reads an array and print the sum of odd numbers and sum of even numbers in the array. If either the odd sum or the even sum is zero, print an appropriate message as well
3. Write a Flowgorithm Script that reads an array and print the sum of elements at odd array indices
4. A Flowgorithm Script that reads marks of n students of a class and display the class average. Also if more than 2 students have marks less than class average, display a suitable message
5. Write a Flowgorithm Script that implements bubble sort. The program should read the number of elements for the array and the numbers to be sorted from the user
6. Flowgorithm Script that searches for a number in a list of numbers and display an appropriate message. The list of numbers and the value to be searched should be read from the user
7. Flowgorithm Script that reads an array and displays the element that comes in the array after a number entered by the user.
8. Convert a decimal number into its binary equivalent
9. Write a menu driven program for a bank that read the following details of n customers: customer id(a 4 digit number), current balance and perform the following operations (menu driven)

    1. Read a customer number and display the balance for that customer

    2. Display the id of the customer with highest balance. Also display an error message if the search fails

    Hint: Create 2 arrays: id[] and balance[]. Store the customer details in such a way that if the id of a particular customer is stored at id[k], then his/her balance will be stored in balance[k]

10. Given N integers, count the total pairs of integers that have a difference of K.

    Sample:

    array size: 5 difference: 2

    1 5 3 4 2

    Output: count=3 3.

11. Read n numbers into an array. Write a menu driven program to do the following

    1. Rotate to right

Sample: 12 34 67 89

Outout: 34 67 89 12 2.

Rotate to left

Sample: 12 34 67 89

Outout: 89 12 34 67