Programs | Class Room Assignment-6

Solve the following programs by Command Line Argument Concept

1. WAP to take n number of elements of an array and find out the sum of first and last element of an array.
2. WAP to take n number of elements of an array from user and find out the sum of all the elements.
3. WAP to take n number of elements of an array from user and find out the average of all the elements.
4. WAP to reverse all the elements of an array
5. WAP to reverse individual elements of an array
6. WAP to check whether entered array is a palindrome or not
7. WAP showing the concept of Selection sort (Ascending order | Descending order)
8. WAP showing the concept of Bubble sort (Ascending order | Descending order)
9. WAP to find out the largest(maximum) element from an array
10. WAP to find out the smallest(minimum) element from an array
11. WAP showing the concept of Insertion sort
12. Java Program to Sort Names in an Alphabetical Order

Solve the following topics programs by function

1) Control Statement Programs

2) Loops Programs

3) Series Programs

4) Patterns Programs

5) Array Programs

13) WAP to find out average of 5 numbers

14) WAP to find out simple interest

15) WAP to convert temp from f to c

16)Check if both numbers are equals or not, if not then find out the greatest number

17)Program to find out greater number between two numbers using conditional operator

18) Program to find out greater number among three numbers using conditional operator

19)Program to check whether entered year is a leap year or not

20)Program to check whether entered year is a leap year or not using nested if else

21)Program to get marks of 5 subjects from user and find out its grade using nested if else

Per>=75 && per<=100 Grade A

Per>=60 && per<75 Grade B

Per>=50 && per<60 Grade C

Per>=33 && per<50 Grade D

else Fail

22)Program to find out compound interest if principal is greater than or equals to 500 otherwise find out simple interest

23) WAP showing the concept of Banking management system.Key Points to be included :

* 1. User needs to enter some basic details(like mail-Id, password, full name and age).
  2. Shows menu displaying the options of opening:
     1. Joint account
        1. Details of spouse
        2. Age of spouse
        3. Minimum amount to be deposited 5000/-
     2. Saving account
        1. Nominee name
        2. Nominee age
        3. Minimum amount to be deposited 2000/-
     3. Child account
        1. Child Name
        2. Guardian/Father’s age
        3. Minimum amount to be deposited 1000/-

1. Shows menu displaying the options of (Asks for password to perform the operation):
   * 1. Deposit
        1. Joint Account
        2. Saving Account
        3. Child Account
     2. Withdraw
        1. Joint Account
        2. Saving Account
        3. Child Account
2. Display details of :
   1. Account Holder
   2. Transaction performed
   3. Deactivate Account

Note: Every time you need to clear the screen after performing specific menu option

Menu will be colorful

Password Not shown on the screen while writing

1. WAP to find out the sum of N natural number.
2. WAP to print table of a number.
3. WAP to find out the factorial of a number.
4. WAP to find out the factors of a number.
5. WAP to check whether entered number is prime or not.
6. WAP to print Fibonacci series.
7. WAP to print N even numbers.
8. 1+11+111+1111+11111+….
9. 9 99 999 9999 99999 …….
10. A b C d E f G h …… n terms
11. WAP to print Alphabets in reversing order.
12. WAP to check whether entered number is perfect or not
13. WAP to reverse all the elements of an array
14. WAP to reverse individual elements of an array
15. WAP to insert an element at specific index in an array
16. WAP to remove an element from a specific index
17. WAP to merge two arrays
18. WAP to check whether entered array is a palindrome or not
19. WAP showing the concept of Selection sort (Ascending order | Descending order)
20. Addition and Multiplication of two 2d array