

Class-XI → Computer Science

Assignment List

- 1) Java program on Decimal to Binary Number Conversion.
- 2) Java program to check for Unique Number.
- 3) Java program on Fibonacci Series using Recursion.
- 4) Java program for finding Difference between 2 Dates.
- 5) Java program to find frequency of every alphabet in a String.
- 6) Program to input multiple sentences and reverse it without Punctuation marks.
- 7) Java program on Pendulum Arrangement of a list of Integers in an Array.
- 8) Java program to Remove Consecutive Repeated Characters from a Word.
- 9) Java program to print Circular (Spiral Matrix)
- 10) A Super class Record has been defined to store the names and ranks of 50 students. Define a sub class Rank to find the highest rank along with the name. The details of both classes are given below :
Class name : Record

Data Members/instance variables:

name []: to store the names of students
rnk []: to store the ranks of students.

Member functions:

Record(): constructor to initialize data members.

void readvalues(): to store names and ranks.

void display(): displays the names and the corresponding ranks.

Class name : Rank

Data Members/Instance variables:

index : integer to store the index of the topmost rank.

Member functions

Rank() : constructor to invoke the base class constructor and to initialize index to 0.

void highest() : finds the index location of the topmost rank and stores it in index without sorting the array.

void display() : displays the name and ranks along with the name having the topmost rank.

Specify the class Record giving details of the constructor(), void readvalues(), void display(). Using the concept of inheritance, specify the class Rank giving details of constructor(), void highest() and void display().

Write the main function

- 11) Java program for Merging Arrays Inside Object.
- 12) Java program to print Twin Prime Numbers within a range.
- 13) Java program to check for Valid IMEI Number.
- 14) Java Program to Print Magic Square Matrix.
- 15) Java program to check for Keith Number.
- 16) To display calendar of any month of any year.
- 17) To calculate factorial using recursion.
- 18) To search an array using Linear Search.
- 19) To display the entered string in alphabetical order.

20) To generate sum of all elements of a double dimensional array of 5×5 subscripts.