

S.NO Program

Date Signature

- 1
- WAP to implement ‘Inline Function’
- 2
- WAP to implement call by reference and return by reference using class. [Hint: Assume necessary functions]
- 3
- WAP to implement friend function by taking some real-life examples
- 4
- WAP to implement ‘Function Overloading’
- 5
- WAP to implement Parameterized Constructor, Copy Constructor and Destructor
- 6
- WAP to show the usage of constructor in base and derived classes, in multiple inheritance
- Create a class employee which have name, age and address of employee, include functions getdata() and showdata(), getdata() takes the input from the user, showdata() display the data in following format:

7

Name:

Age:

Address:

Write a class called CAccount which contains two private data elements, an integer accountNumber and a floating point accountBalance, and three member functions:

- A constructor that allows the user to set initial values for accountNumber and accountBalance and a default constructor that prompts for the input of the values for the above data numbers.

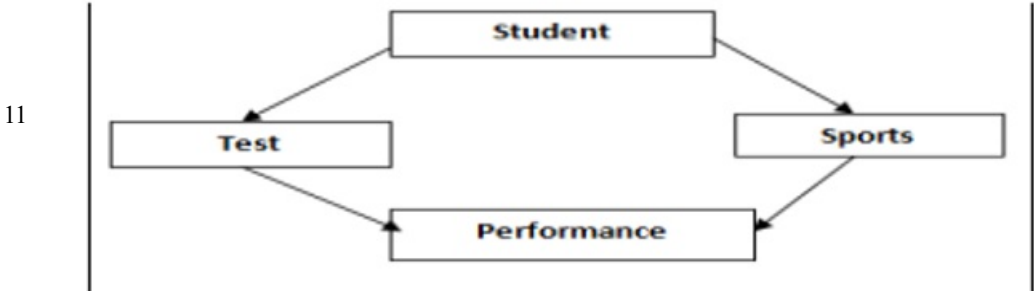
- A function called inputTransaction, which reads a character value for transactionType(‘D’ for deposit and ‘W’ for withdrawal), and a floating point value for transactionAmount, which updates accountBalance.

A function called printBalance, which prints on the screen the accountNumber and accountBalance.

Define a class Counter which contains an int variable count defined as static and a static function Display () to display the value of count. Whenever an object of this class is created count is incremented by 1. Use this class in main to create multiple objects of this class and display value of count each time

- WAP to add and subtract two complex numbers using classes

Implement the following class hierarchy considering appropriate data members and member functions



- WAP to show swapping using template function (Generic)

- WAP to implement ‘Exception Handling’

- WAP to read and write values through object using file handling.

- WAP to implement += and = operator

Implement the following hierarchy considering appropriate data members and member functions (Use virtual functions)

