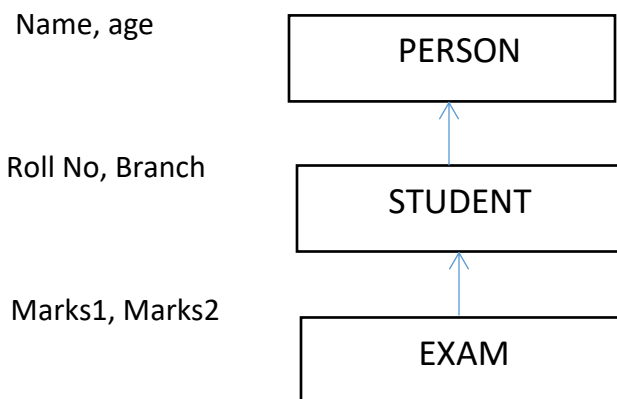
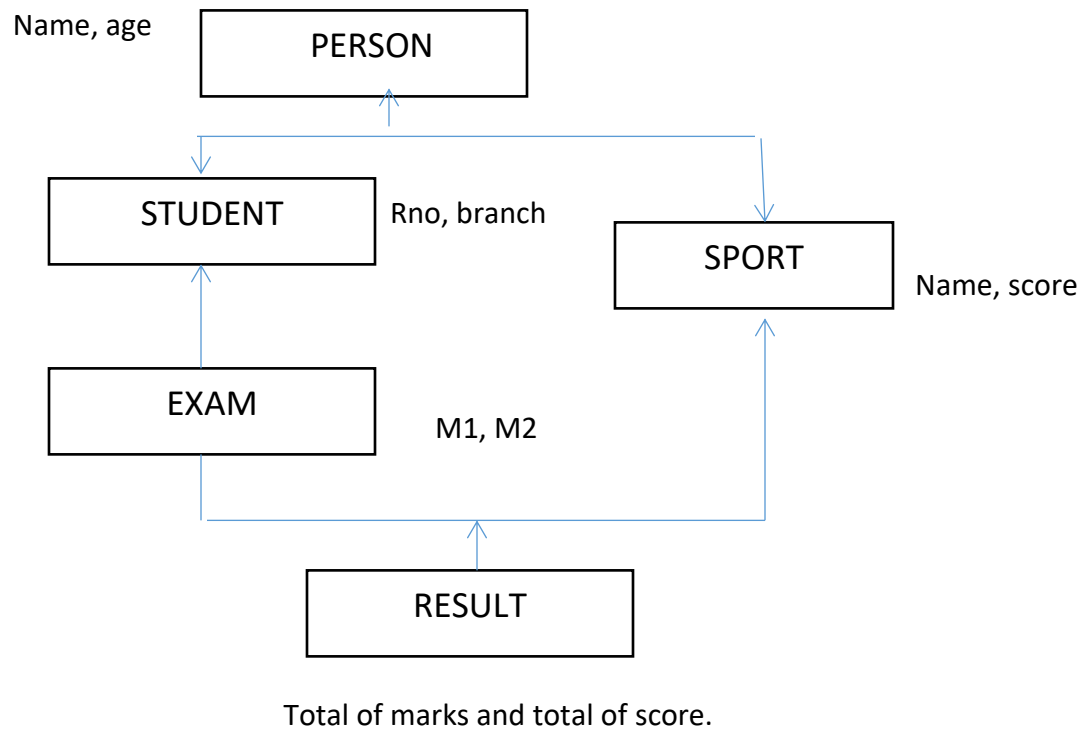


1. Write a C++ program to calculate factorial of given number using while loop.
2. Write a C++ program to perform all arithmetic operation.
3. Basic salary of an employee is input through the keyboard. The DA is 25% of the basic salary while the HRA is 15% of the basic salary. Provident fund is deducted at the rate of 10% of the gross salary (BS+DA+HRA). Write a C++ program to calculate the net salary.
4. Write a C++ program to find maximum between two numbers using function.
5. Write a C++ program to demonstrate copy constructor.
6. Write a C++ program to find smallest of two number using inline function.
7. Write a C++ program to display two values that take data type as int, float, char using the concept of function overloading.
8. Write a C++ program to overload a unary '--'(minus) operator using operator overloading.
9. Write a C++ program to compute complex number using binary operator overloading.
10. Write a C++ program to compute matrix addition, subtraction and multiplication using array within class.
11. Write a C++ program to swap two numbers using function template.
12. Write a C++ program to find out largest from two numbers using class template.
13. Write a C++ program to create a file and write the message in that file.
14. Write a C++ program to read the contents of text file.
15. Write an interactive program to create multilevel inheritance of the following scenario:
Construct 3 classes namely Person, Student and Exam. The class Person is the base class, Student is the intermediate base class and Exam is the derived class. Consider the following diagram:



Calculate the total marks and display the result.

16. Consider the following scenario for hybrid inheritance:
Consider the case of processing the student results. Suppose the weightage for sport is also taken into consideration for finalizing the result.



17. Write a C++ program to demonstrate hierarchical inheritance.
18. Write a C++ program to demonstrate multiple inheritance.
19. Write a C++ program to demonstrate constructor and destructor.
20. Write a C++ program to demonstrate virtual function.
21. Write a C++ program to demonstrate pure virtual function.
22. Write a C++ program to check whether the given number is odd or even using friend function.
23. Write a C++ program to demonstrate all string functions.