

Lab-4

Topic: Simple C++ programs using Classes and Objects

1. Write a program in C++ to find area of circle and triangle using inline function concept.
2. Write a program in C++ to find volume of cube, cylinder and sphere in a class using inline function concept. Define the functions outside the class using scope resolution(::) operator.
3. Write a program in C++ to create a class Account having data members account number, account holder name, Branch, Total_Amount and also having member functions
getAccountInfo(), DisplayAccountInfo(), withdraw(), deposit(). Create a object of the class and take all the details of a Account Holder. Now copy the details from an existing object to new object and display().
4. Write a program to demonstrate default arguments concept.
5. Write a program to demonstrate setw() and setPrecesion() concepts in c++.