

Lab task

Report

Single inheritance:

If the function is made in public no error on the compilation time whereas if the function are part of private or protected access member error is generated during compilation.

Multiple inheritance:

Two base classes and one child class, the functions called in the child class by Parent classes, if public no error is generated if the access is private or protected ^{error} is generated. same if the variable ^{protected} declared in private is directly called in main its not accessible.

Multilevel inheritance

In multilevel a child class inherits all its parent classes properties class A or B is not accessible if its private or protected.

Hybrid inheritance

Working of two or more type of inheritance in a program is Hybrid inheritance, if any of the class or function or member is accessed as a private or protected it wont be accessible out of the scope.