

Agenda

Mode of Inheritance
Diamond Problem
Run time Polymorphism

Mode of Inheritance (demo01.cpp)

- Default mode of inheritance is private

Diamond Problem (demo02.cpp)

- in case of hybrid inheritance there is a problem called as diamond problem.
- this problem is related to the ambiguity (confusion).
- in indirect derived class the members of indirect base class inherit multiple times in your class.
- to avoid the multiple times inheritance we have to make the base class as virtual at the time of inheritance

Run time Polymorphism (demo03.cpp to demo10.cpp)

- Virtual Function
- Abstract class
- function Overriding
- upcasting
- object slicing