*** C++ Programs ***

NOTE: All points discussed should be covered.

Comments at proper statement require understanding program.

Constructor and destructor are compulsory.

1. Write program to demonstrate use of
   i. Default Constructor
   ii. Parameterized constructor
   iii. Copy Constructor

2. Write program for demonstration of
   i. Reference in C++
   ii. This pointer
   iii. Inline function

3. Write program to demonstrate concepts of constant in C++
   i. Local constant and global constant
   ii. Characteristic constant
   iii. Behavior constant
   iv. Object constant

4. Write program to demonstrate concept of static in C++
   i. Local static and global static
   ii. Static characteristics
   iii. Static Behavior
   iv. Static object

5. Write program to demonstrate use of member initialization list (All 3 types usage)

6. Write program to demonstrate use of inheritance
   i. Single level
   ii. Multiple
   iii. Multilevel

   (Demonstrate use of each access specifier.
   Also provide constructor and destructor calling sequence)