Answer the following :

* Inheriting a sub class from a super class requires fundamental changes to the super class. ( True / False )
* A class D can be derived from a class C, which is derived from a class B, which is derived from a class A. (True / False )
* To be accessed from a member function of the sub class, data or functions in the super Class modifier must be \_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_.
* If a **super** class and a **sub** class each include a member function with the **same name**,Which member function will be called by an object of the sub class?

**Perform the following tasks:** write this class in your program

// base class definition

class Inventory

{ private int quantity; // number on hand

private double price; // price per unit

private string descript; // description of item

//=============

/constructor to set the variables ============

………………………………………………………….

Public void print()//print all class members

………………………………………………………….

} // end class Inventory

//============================================================

// inherited class from Inventory

class Auto ……………………………………………………

{

private string manufacturer;

//constructor to set the variables ============

//=====================

Public void print()//print all class members

//==========================

}//end class Auto

//=====================================================================

// inherited class from Auto

class Transmission …………………………………………………..

{ private string vendor;

//constructor to set the variables ============

//============

Public void print() //print all class members

} //ens class Transmission

1. Complete the missing function from the program (constructors and print)
2. In main creates an instance object of Transmission called **trans** . the manufacturer “obtained from the GM” Their price is $1789.98 , the description is” four-wheel drive truck” and the price is 25 the vendor is “BMT”.
3. Call function print to test your declaration.