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

#include <iostream>

#include <string>

using namespace std;

// base class definition

class Inventory

{ private:

int quantity; // number on hand

double price; // price per unit

string descript; // description of item

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

public:

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

void print()//print all class members

}; // end class Inventory

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

// first derived class

class Auto : public Inventory

{

string manufacturer;

public:

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

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

void print()//print all class members

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

};//end class Auto

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

// Second derived class

class Transmission : public Auto

{ string vendor;

public:

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

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

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.

