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Q-1) Create a class Customer having data members: name of the customer and customer number in integer and member function to get customer data. Create another class Manager having data members: name of manager also has member function get_cust_data() which takes objects of class Customer as input and prints the Customers details and it is a friend function of class Customer. Write a main() Function to test all these functions.

Program:

```
#include <iostream>
#include <string.h>
using namespace std;

class customer
{
public:
    string name_cust;
    int cust_num;

    void get_data()
    {
        cout << endl
            << "Enter Customer Name:";
        cin >> name_cust;
        cout << endl
            << "Enter Customer Number:";
        cin >> cust_num;
    }
}
```

```
friend void get_cust_data(customer);  
};  
  
class manager  
{  
    string name_man;  
  
public:  
    void get_cust_data(customer obj)  
    {  
        cout << endl  
        << "Enter Name of Manager:";  
        cin >> name_man;  
  
        cout << endl  
        << "Customer Name:" << obj.name_cust;  
        cout << endl  
        << "Customer Number:" << obj.cust_num;  
        cout << endl  
        << "Manager Name:" << name_man;  
    }  
};  
  
int main()  
{  
    customer obj1;  
    manager obj2;
```

```
obj1.get_data();  
obj2.get_cust_data(obj1);  
  
return 0;  
}
```

Output:

```
Enter Customer Name:Yatharth  
Enter Customer Number:1234567890  
Enter Name of Manager:Dev  
Customer Name:Yatharth  
Customer Number:1234567890  
Manager Name:Dev
```