1. Create a class person which has member variables as Name, Age, and Address. There are two member functions in this class showData (), getData (), though which one can collect the information and show it to user.

```
#Includeciostreams
using namespace std;

class person()
    public:
    string name;
    int age;
    string address;

    person(){
        cin >> name;
        cin >> ade;
        cin >> address;
}

    // void getData()(
        // cin >> name;
        // cin >> ouge;
        // cin >> oddress;

    void showData(){
        cout << name << endl;
        cout << age << endl;
        cout << age << endl;
        cout << address << endl;
        }
};

int main()

{
    person p;
    //p.getData();
    p.showData();
    return 0;
}</pre>
```



2. Create a class, Employee which has empno, rank, department, salary as member data, and get and show as member functions.

```
3.
4. #includexiostream>
5. using namespace std;
```

```
6.
7. class employee(
8. public:
9. int empno;
10. int rank;
11. int depart;
12. double salary;
13.
14. employee()(
15. cin >> empno;
16. cin >> rank;
17. cin >> depart;
18. cin >> salary;
19. }
20.
21. // void getData(){
22. // cin >> empno;
23. // cin >> rank;
24. // cin >> salary;
25. // cin >> salary;
26. // }
27.
28. void showData(){
29. cout << empno << end d;
30. cout << empno << end d;
31. cout << depart << end c,
32. cout << depart << end c,
33. }
34. };
35. int moin()
36. {
37. employee e;
38. //e.getData();
39. e.showData();
40.
41. return 8;
42. }
43. //e.getData();
44. }
46.
41. return 8;
```



3. Write a program to swap two numbers using reference variable.

```
using namespace std;

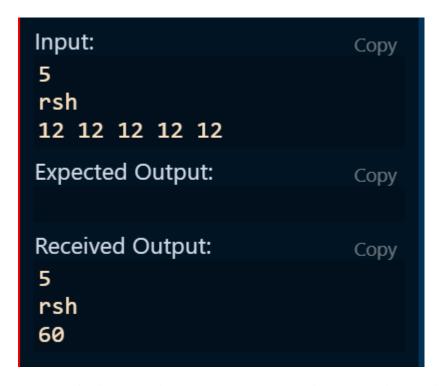
void swapNum(int &a, int &b)(
    a = a + b;
    b = a - b;
    a = a - b;
    cout << a << " " << b;
}

int main()
{
    int a, b;
    cin >> a >> b;
    swapNum(a, b);
    return 0;
}
```



4. Create a class student with admno, name, marks whose functionality is to calculate the marks obtained by the student.

```
int main()
{
    student s1;
    s1.display();
    return 0;
}
```



5. Create a bank account class containing account number, name and current balance whose functionality is to deposit and withdraw the amount for corresponding customer.

```
}
}
int display(){
    return this->currBal;
};
int main()
{
    // int amount;
    // cin >> amount;
bankAccount b;
b.deposit(600);
b.withdrawl(600);
b.display();
    return 0;
}
```



```
#include clostream>
using namespace std;

class bankAccount
{
   int accNo;
   string name;
   murable int curmBal;
   static int count;

public:
   bankAccount()
   {
      cin >> accNo;
      cin >> name;
      cin >> curmBal;
      count++;
}

bankAccount(int accNo, string name, int curmBal)
   {
      this->accNo = accNo;
      this->name = name;
      this-name = name;
      this-name = n
```

