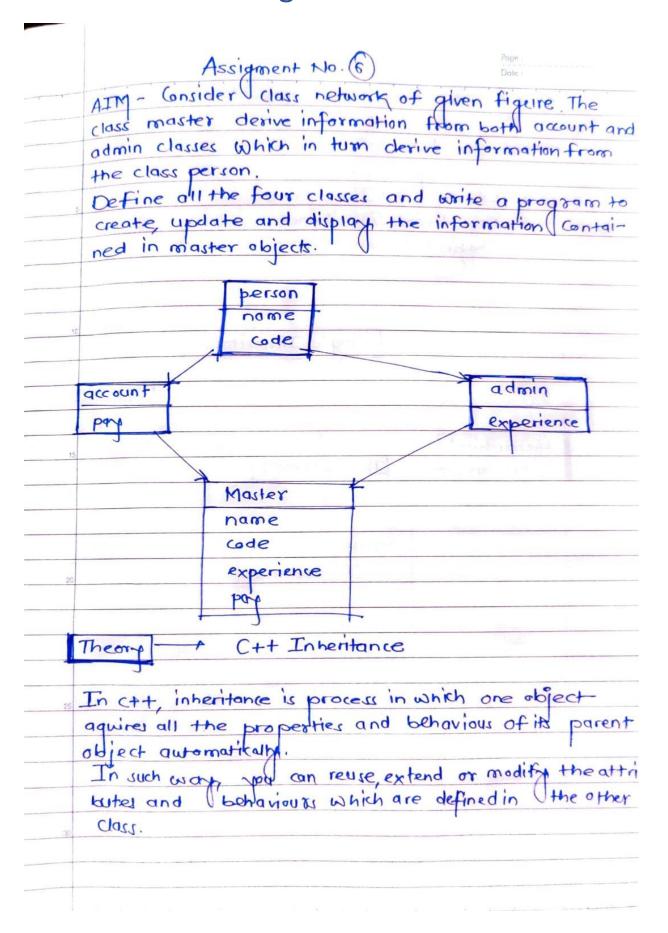
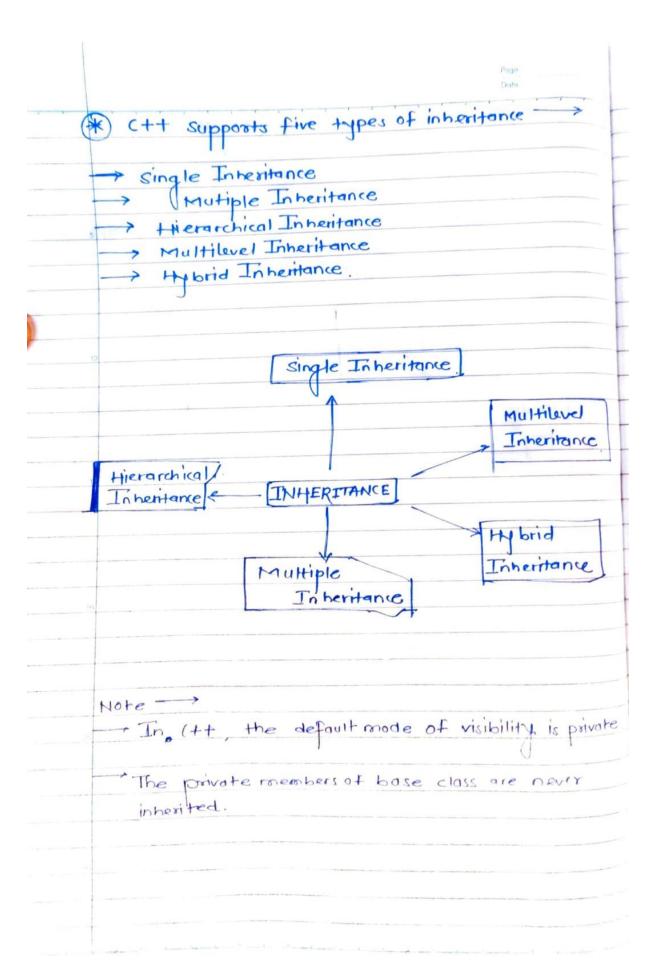
OOP Assignment No.- 06





		Page : Date :	
Visibility of Inherit	ed Members -		
Base class visibility	Derived class	visibility	
	Public	private	Protected
5 private	Not Inherited	Not Inherited	Not
			Inherited
protected	protected	boildte	brotected
public	public	private	protecte

Program code:

```
#include <iostream>
using namespace std;
class person
{
public:
    char name[400];
    int code;
    void input()
    {
        cout << "\n Enter the Details of Student for 'RK Group of Companies...'\n";
        cout << "\nEnter the name of the student : ";
        cin >> name;
        cout << endl</pre>
```

```
<< "Enter the code of the student : ";
    cin >> code;
  }
  void display()
  {
    cout << endl
       << "Student name is : " << name;
    cout << endl
       << "Student code is : " << code;
  }
};
class account: virtual public person
public:
  float pay;
  void getpay()
  {
    cout << endl
       << "Enter the per anum payment for " << name << " in $:
۳;
    cin >> pay;
  void display()
```

```
{
    cout << endl
       << "Payment for " << name << " in $ is: " << pay;
  }
};
class admin: virtual public person
{
public:
  int experience;
  void getexp()
  {
    cout << endl
       << "Enter the no.of years experience of " << name << " : ";
    cin >> experience;
  void display()
  {
    cout << endl
       << "Experience of " << name << " is : " << experience << "
years";
  }
};
class master: public account, public admin
```

```
{
public:
  char n[200];
  void gettotal()
  {
    cout << endl
       << "Enter the previous company name of " << name << ":
۳<u>.</u>
    cin >> n;
  void display()
  {
    cout << endl
       << "Previous Company name of " << name << " was : " <<
n;
    cout << endl
       << "\nNow Welcome to RK Group of Companies....\n";
  }
};
int main()
{
  master m1;
  m1.input();
```

```
m1.getpay();
m1.getexp();
m1.gettotal();
m1.person::display();
m1.account::display();
m1.admin::display();
m1.display();
return 0;
}
```

Output:

```
PS R:\GHRCEM\DSA Lab\Assignment 4> cd "r:\GHRCEM\DSA Lab\Assignment 4\" ; if ($?) { g++ main.cpp -o main } ; if ($?) { .\main }

Enter the Details of Student for 'RK Group of Companies...'

Enter the name of the student : Rudraksh

Enter the code of the student : 86

Enter the per anum payment for Rudraksh in $: 1000000

Enter the no.of years experience of Rudraksh : 5

Enter the previous company name of Rudraksh: Google

Student name is : Rudraksh
Student code is : 86

Payment for Rudraksh in $ is: 1e+006

Experience of Rudraksh is : 5 years

Previous Company name of Rudraksh was : Google
```