

Program to Demonstrate Inheritance

```
#include<iostream>
using namespace std;
class Employee
{
private:
    int eid;
    string name;
public:
    Employee(int e,string n)
    {
        eid=e;
        name=n;
    }
    int getEmployeeID(){return eid;}
    string getName(){return name;}
};

class FulltimeEmployee:public Employee
{
private:
    int salary;
public:
    FulltimeEmployee(int e,string n,int sal):Employee(e,n)
    {
        salary=sal;
    }
    int getSalary(){return salary;}
};

class ParttimeEmployee: public Employee
{
private:
    int wage;
public:
    ParttimeEmployee(int e,string n,int w):Employee(e,n)
    {
        wage=w;
    }
    int getWage(){return wage;}
};

int main()
{
```

```
ParttimeEmployee p1(1,"John",300);
FulltimeEmployee p2(2,"Raj",5000);

    cout<<"Salary of "<<p2.getName()<<" is
"<<p2.getSalary()<<endl;
    cout<<"Daily wage of "<<p1.getName()<<" is
"<<p1.getWage()<<endl;

}
```