|  |
| --- |
|  |
|  |
|  | Create a class named 'Member' having the following members: |
|  | Data members |
|  | 1 - Name |
|  | 2 - Age |
|  | 3 - Phone number |
|  | 4 - Address |
|  | 5 - Salary |
|  | It also has a method named 'printSalary' which prints the salary of the members. |
|  | Two classes 'Employee' and 'Manager' inherits the 'Member' class. The 'Employee' and 'Manager' classes have data members 'specialization' and 'department' respectively. Now, assign name, age, phone number, address and salary to an employee and a manager by making an object of both of these classes and print the same. |
|  |  |
|  |  |

**Assignment -8 -Inheritance**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace AssignmentInheritance

{

public class Members

{

public string name, address, phonenum;

public int age;

public double salary;

public void printSalary()

{

Console.WriteLine("Salary of member is " + salary);

}

}

class Employee:Members

{

public string specialization;

public string department;

}

class Manager:Members

{

public string specialization;

public string department;

}

class Program

{

static void Main(string[] args)

{

Members m = new Members();

m.name = "Parth";

m.age = 22;

m.address = "Sudama Nagar";

m.phonenum = "9555588888";

m.salary = 25000;

m.printSalary();

Console.WriteLine("The name : {0} \n age : {1} \n address : {2}\n phonenum : {3}\n", m.name, m.age, m.address, m.phonenum);

Employee e = new Employee();

e.specialization = "B.tech (CSE)";

e.department = "ADM";

e.name = "Rohit Jain";

e.age = 22;

e.address = "Rajendra Nagar";

e.phonenum = "8888899999";

e.salary = 20000;

e.printSalary();

Console.WriteLine("The name : {0} \n age : {1} \n address : {2}\n phonenum : {3}\n Specialization : {4}\n department: {5}\n", e.name, e.age, e.address, e.phonenum,e.specialization,e.department);

Manager m1 = new Manager();

m1.specialization = "B.tech (IT)";

m1.department = "FSE";

m1.name = "Rahul Sharma";

m1.age = 24;

m1.address = "Vijay Nagar";

m1.phonenum = "7788995566";

m1.salary = 30000;

m1.printSalary();

Console.WriteLine("The name : {0} \n age : {1} \n address : {2}\n phonenum : {3}\n Specialization : {4}\n department: {5}\n", m1.name, m1.age, m1.address, m1.phonenum, m1.specialization, m1.department);

}

}

}