**EmloyeeLab.java**

package com.mycompany.employeelab;

public class EmployeeLab {

public static void main(String[] args) {

Manager manager = new Manager("Nimal",50,"male",40000,100) {};

Worker worker=new Worker("Amal",40,"Male",100,200);

SalesPerson salesperson=new SalesPerson("Ann",30,"female",10000,2500,30);

manager.displayEmployeeDetails();

System.out.println();

worker.displayEmployeeDetails();

System.out.println();

salesperson.displayEmployeeDetails();

System.out.println();

}

}

**Employee.java**

package com.mycompany.employeelab;

public abstract class Employee {

public String name;

public int age;

public String gender;

public Employee(String name,int age,String gender){

this.name=name;

this.age=age;

this.gender=gender;

}

public abstract double calculateSalary();

public abstract void displayEmployeeDetails();

}

**Manager.java**

package com.mycompany.employeelab;

public abstract class Manager extends Employee{

public double baseSalary;

public double bonus;

public Manager(String name, int age, String gender,double baseSalary,double bonus) {

super(name, age, gender);

this.baseSalary=baseSalary;

this.bonus=bonus;

}

@Override

public double calculateSalary() {

return baseSalary+bonus;

}

@Override

public void displayEmployeeDetails() {

System.out.println("name"+name);

System.out.println("gender"+gender);

System.out.println("age"+age);

System.out.println("bonus"+bonus);

System.out.println("Salary:"+calculateSalary());

}

}

**Worker.java**

package com.mycompany.employeelab;

public class Worker extends Employee{

public double hourlyRate;

public double hoursWorked;

public Worker(String name,int age,String gender,double hourlyRate,double hoursWorked){

super(name,age,gender);

this.hourlyRate=hourlyRate;

this.hoursWorked=hoursWorked;

}

@Override

public double calculateSalary() {

return hourlyRate\*hoursWorked;

}

@Override

public void displayEmployeeDetails() {

System.out.println("name"+name);

System.out.println("gender"+gender);

System.out.println("age"+age);

System.out.println("Salary:"+calculateSalary());

}

}

**SalesPerson.java**

package com.mycompany.employeelab;

public class SalesPerson extends Manager{

public double commissionRate;

public SalesPerson(String name, int age, String gender, double baseSalary, double bonus,double commissionRate) {

super(name, age, gender, baseSalary, bonus);

this.commissionRate=commissionRate;

}

@Override

public double calculateSalary() {

return super.calculateSalary()+super.calculateSalary()\*commissionRate;

}

@Override

public void displayEmployeeDetails() {

System.out.println("name"+name);

System.out.println("gender"+gender);

System.out.println("age"+age);

System.out.println("bonus"+bonus);

System.out.println("comission Rate"+commissionRate);

System.out.println("Salary:"+calculateSalary());

}

}