Bean

Employee.java

|  |
| --- |
| package com.cg.eis.bean; |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| public class Employee { |
|  |

|  |
| --- |
| private int empid; |
|  |

|  |
| --- |
| private String ename; |
|  |

|  |
| --- |
| private int salary; |
|  |

|  |
| --- |
| private String designation; |
|  |

|  |
| --- |
| private String insurancescheme; |
|  |

|  |
| --- |
| public Employee(int empid, String ename, int salary, String designation,String insurancescheme) { |
|  |

|  |
| --- |
| super(); |
|  |

|  |
| --- |
| this.empid = empid; |
|  |

|  |
| --- |
| this.ename = ename; |
|  |

|  |
| --- |
| this.salary = salary; |
|  |

|  |
| --- |
| this.designation = designation; |
|  |

|  |
| --- |
| this.insurancescheme=insurancescheme; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public int getEmpid() { |
|  |

|  |
| --- |
| return empid; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void setEmpid(int empid) { |
|  |

|  |
| --- |
| this.empid = empid; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public String getEname() { |
|  |

|  |
| --- |
| return ename; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void setEname(String ename) { |
|  |

|  |
| --- |
| this.ename = ename; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public int getSalary() { |
|  |

|  |
| --- |
| return salary; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void setSalary(int salary) { |
|  |

|  |
| --- |
| this.salary = salary; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public String getDesignation() { |
|  |

|  |
| --- |
| return designation; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void setDesignation(String designation) { |
|  |

|  |
| --- |
| this.designation = designation; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public String getInsurancescheme() { |
|  |

|  |
| --- |
| return insurancescheme; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void setInsurancescheme(String insurancescheme) { |
|  |

|  |
| --- |
| this.insurancescheme = insurancescheme; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

}

Pl

Main.java

|  |
| --- |
| package com.cg.eis.pl; |
|  |

|  |
| --- |
| import com.cg.eis.bean.\*; |
|  |

|  |
| --- |
| import com.cg.eis.service.\*; |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Main { |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| // TODO Auto-generated method stub |
|  |

|  |
| --- |
| Service s=new Service(); |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| Employee e=s.setDetails(); |
|  |

|  |
| --- |
| Scanner sc=new Scanner(System.in); |
|  |

|  |
| --- |
| /\* System.out.println("enter the salary for insurance scheme"); |
|  |

|  |
| --- |
| int salary=sc.nextInt();\*/ |
|  |

|  |
| --- |
| /\*System.out.println("enter the designation for insurance scheme"); |
|  |

|  |
| --- |
| String designation=sc.next();\*/ |
|  |

|  |
| --- |
| s.insuranceScheme(e.getSalary(),e.getDesignation(),e); |
|  |

|  |
| --- |
| System.out.println("Salary is: "+e.getSalary()); |
|  |

|  |
| --- |
| System.out.println("Employee name is: "+e.getEname()); |
|  |

|  |
| --- |
| System.out.println("Employee id is: "+e.getEmpid()); |
|  |

|  |
| --- |
| System.out.println("Employee designation is: "+e.getDesignation()); |
|  |

|  |
| --- |
| System.out.println("Employee insurance scheme is: "+e.getInsurancescheme()); |
|  |

|  |
| --- |
| s.insuranceScheme(e.getSalary(),e.getDesignation(),e); |
|  |

|  |
| --- |
| s.getDetails(); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

}

Service

employeeService.java

|  |
| --- |
| package com.cg.eis.service; |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import com.cg.eis.bean.Employee; |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| public interface EmployeeService { |
|  |

|  |
| --- |
| public Employee setDetails(); |
|  |

|  |
| --- |
| public void insuranceScheme(int salary,String designation,Employee e); |
|  |

|  |
| --- |
| public void getDetails(); |
|  |

|  |
| --- |
|  |
|  |

}

Service.java

|  |
| --- |
| package com.cg.eis.service; |
|  |

|  |
| --- |
| import com.cg.eis.bean.\*; |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Service implements EmployeeService { |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| Employee e; |
|  |

|  |
| --- |
| public Employee setDetails() |
|  |

|  |
| --- |
| {Scanner sc=new Scanner(System.in); |
|  |

|  |
| --- |
| System.out.println("Enter the employee name"); |
|  |

|  |
| --- |
| String ename=sc.next(); |
|  |

|  |
| --- |
| System.out.println("Enter the employee id"); |
|  |

|  |
| --- |
| int id=sc.nextInt(); |
|  |

|  |
| --- |
| System.out.println("Enter employee designation"); |
|  |

|  |
| --- |
| String desig=sc.next(); |
|  |

|  |
| --- |
| System.out.println("Enter employee salary"); |
|  |

|  |
| --- |
| int salary=sc.nextInt(); |
|  |

|  |
| --- |
| System.out.println("enetr insurence"); |
|  |

|  |
| --- |
| String insurance=sc.next(); |
|  |

|  |
| --- |
| e=new Employee(id,ename,salary,desig,insurance); |
|  |

|  |
| --- |
| return e; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void insuranceScheme(int salary,String designation,Employee a) |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| if(designation.equals("System Associate") && (salary>5000 && salary<20000)) |
|  |

|  |
| --- |
| a.setInsurancescheme("C"); |
|  |

|  |
| --- |
| else if(designation.equals("Programmer") && (salary>=20000 && salary<40000)) |
|  |

|  |
| --- |
| a.setInsurancescheme("B"); |
|  |

|  |
| --- |
| else if(designation.equals("Manager") && (salary>=40000)) |
|  |

|  |
| --- |
| a.setInsurancescheme("A"); |
|  |

|  |
| --- |
| else if(designation.equals("Clerk") && (salary<5000)) |
|  |

|  |
| --- |
| a.setInsurancescheme("No"); |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| public void getDetails() |
|  |

|  |
| --- |
| {System.out.println("Salary is: "+e.getSalary()); |
|  |

|  |
| --- |
| System.out.println("Employee name is: "+e.getEname()); |
|  |

|  |
| --- |
| System.out.println("Employee id is: "+e.getEmpid()); |
|  |

|  |
| --- |
| System.out.println("Employee designation is: "+e.getDesignation()); |
|  |

|  |
| --- |
| System.out.println("Employee insurance scheme is: "+e.getInsurancescheme()); |
|  |

|  |
| --- |
| } |
|  |

}