**TraineeEmployees.java**

**public** **class** TraineeEmployees **extends** Employee {

**private** **int** supplementaryTrainingHours;

**private** **int** scorePoints;

**public** **int** getSupplementaryTrainingHours() {

**return** supplementaryTrainingHours;

}

**public** **void** setSupplementaryTrainingHours(**int** supplementaryTrainingHours)

{

**this**.supplementaryTrainingHours = supplementaryTrainingHours;

}

**public** **int** getScorePoints()

{

**return** scorePoints;

}

**public** **void** setScorePoints(**int** scorePoints)

{

**this**.scorePoints = scorePoints;

}

**public** traineeEmployees(String employeeId,String employeeName, **int** yearsOfExperience, String gender,

**double** salary, **int** supplementaryTrainigHours, **int** scorePoints)

{

**super**( employeeId, employeeName, yearsOfExperience, gender, salary);

**this**.supplementaryTrainingHours = supplementaryTrainingHours;

**this**.scorePoints = scorePoints;

}

**public** **double** calculateIncrementedSalary(**int** incrementPercentage)

{

**double** totalSalary = (supplementaryTrainingHours\*500)+(scorePoints\*50)+salary;

**double** incrementedsalary = totalsalary+(totalsalary\*incrementPercentage/100);

**return** incrementedSalary;

}

}

**CasualEmployee.java**

**public** **class** CasualEmployee **extends** Employee {

**private** **int** supplementaryHours;

**private** **double** foodAllowance;

**public** CasualEmployee(String employeeId,String employeeName, **int** yearsOfExperience, String gender,

**double** salary,**int** supplementaryHours, **double** foodAllowance)

{

**super**( employeeId, employeeName, yearsOfExperience, gender, salary);

**this**.supplementaryHours = supplementaryHours;

**this**.foodAllowance = foodAllowance;

}

**public** **int** getSupplementaryHours() {

**return** supplementaryHours;

}

**public** **void** setSupplememtaryHours(**int** supplementaryHours)

{

**this**.supplementaryHours = supplementaryHours;

}

**public** **double** getFoodAllowance() {

**return** foodAllowance;

}

**public** **void** setFoodAllowance(**double** foodAllowance)

{

**this**.foodAllowance = foodAllowance;

}

**public** **double** calculateIncrementedSalary(**int** incrementPercentage)

{

**double** totalSalary=(supplementaryHours\*1000)+foodAllowance +salary;

**double** incrementedSalary = totalSalary+(totalSalary\*incrementPercentage/100);

**return** incrementedSalary;

}

}

**PermanentEmployee.java**

**public** **class** PermanentEmployee **extends** Employee {

**private** **double** medicalAllowance;

**private** **double** vehicleAllowance;

**public** **double** getMedicalAllowance()

{

**return** medicalAllowance;

}

**public** **void** setMedicalAllowance(**double** medicalAllowance)

{

**this**.medicalAllowance = medicalAllowance;

}

**public** **double** getVehicleAllowance()

{

**return** vehicleAllowance;

}

**public** **void** setMedicalAllowance(**double** vehicleAllowance)

{

**this**.medicalAllowance = medicalAllowance;

}

**public** PermanentEmployee(String employeeId,String employeeName, **int** yearsOfExperience, String gender,

**double** salary, **double** medicalAllowance, **double** vehicleAllowance)

{

**super**( employeeId, employeeName, yearsOfExperience, gender, salary);

**this**.medicalAllowance = medicalAllowance;

**this**.vehicleAllowance = vehicleAllowance;

}

**public** **double** calculateIncrementedSalary(**int** incrementPercentage)

{

**double** totalSalary = medicalAllowance + vehicleAllowance+salary;

**double** incrementedSalary = totalSalary+(totalSalary\*incrementPercentage/100);

**return** incrementedSalary;

}

}

**UserInterface.java**

**import** java.util.Scanner;

**public** **class** UserInterface {

**public** **static** **void** main(String[] args) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter Employee Id");

String eid = sc.next();

System.***out***.println("Enter Employee name");

String ename = sc.next();

System.***out***.println("Enter Experience in years");

**int** eyear = sc.nextInt();

System.***out***.println("Enter Gender");

String egender = sc.next();

System.***out***.println("Enter Salary");

**double** esalary = sc.nextDouble();

**double** ans = 0;

**if**(eyear>=1 && eyear<=5) {

System.***out***.println("Enter Supplementary Training Hours");

**int** esth = sc.nextInt();

System.***out***.println("Enter Score Points");

**int** esp = sc.nextInt();

TraineeEmployees te = **new** TraineeEmployees(eid,ename,eyear,egender,esalary,esth,esp);

ans = te.calculateIncrementedSalary(5);

}

**else** **if**(eyear>=6 && eyear<=10) {

System.***out***.println("Enter Supplementary Hours");

**int** esh = sc.nextInt();

System.***out***.println("Enter Food Allowance");

**double** efa = sc.nextDouble();

CasualEmployee ce = **new** CasualEmployee(eid,ename,eyear,egender,esalary,esh,efa);

ans = ce.calculateIncrementedSalary(12);

}

**else** **if**(eyear>=11 && eyear<=25) {

System.***out***.println("Enter Medical Allowance");

**double** ema = sc.nextDouble();

System.***out***.println("Enter Vehicle Allowance");

**double** eva = sc.nextDouble();

PermanentEmployee pe =**new** PermanentEmployee(eid,ename,eyear,egender,esalary,ema,eva);

ans = pe.calculateIncrementedsalary(12);

}

**else** {

System.***out***.println("Provide valid Years of Experience");

}

**if**(eyear>=1 && eyear<=5 || eyear>=6 && eyear<=10 || eyear>11 && eyear<=25) {

System.***out***.println("Incremented Salary is "+ ans);

}

}

}