QUESTION 01

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J main.java 2
                                                              J Employee.java X
Java Lecture > src > 👃 Employee.java > ધ Main > 🏵 main(String[])
      public abstract class Employee {
          private int employeeId;
          private String employeeName;
          private String designation;
          public Employee(int employeeId, String employeeName, String designation) {
              this.employeeId = employeeId;
              this.employeeName = employeeName;
              this.designation = designation;
          public int getEmployeeId() {
              return employeeId;
          public void setEmployeeId(int employeeId) {
              this.employeeId = employeeId;
          public String getEmployeeName() {
              return employeeName;
          public void setEmployeeName(String employeeName) {
              this.employeeName = employeeName;
          public String getDesignation() {
              return designation;
          public void setDesignation(String designation) {
              this.designation = designation;
          public abstract double calculateWeeklySalary();
```

```
J Employee.java X J Matrix.java
  Java Lecture > src > J Employee.java > 😝 Employee > 🏵 getEmployeeName()
            public abstract double calculateWeeklySalary();
            public abstract void displayEmployeeDetails();
            public double calculateAnnualEarnings() {
    return calculateWeeklySalary() * 52 + calculateBonus();
            private int hoursWorked:
            public HourlyEmployee(int employeeId, String employeeName, String designation, double hourlyRate, int hoursWorked) {
                 super(employeeId, employeeName, designation);
                 this.hourlyRate = hourlyRate;
                 this.hoursWorked = hoursWorked;
            public double getHourlyRate() {
                return hourlyRate;
            public void setHourlyRate(double hourlyRate) {
                 this.hourlyRate = hourlyRate;
            public int getHoursWorked() {
                return hoursWorked;
            public void setHoursWorked(int hoursWorked) {
                this.hoursWorked = hoursWorked;
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```

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MostFrequentNumbers.iava
                                       J Vehicle.java
                                                                                          J Employee.java X J Matrix.java
             public double calculateWeeklySalary() {
                   return hourlyRate * hoursWorked;
             @Override
             @Override
public void displayEmployeeDetails() {
    System.out.println("Employee ID: " + getEmployeeId());
    System.out.println("Employee Name: " + getEmployeeName());
    System.out.println("Designation: " + getDesignation());
    System.out.println("Hourly Rate: " + getHourlyRate());
    System.out.println("Hours Worked: " + getHoursWorked());
    System.out.println("Hours Worked: " + getHoursWorked());
}
                   System.out.println("Weekly Salary: " + calculateWeeklySalary());
             @Override
             public double calculateBonus() {
             private double monthlySalary;
             \verb|public SalariedEmployee| (int employeeId, String employeeName, String designation, double monthlySalary)| \\
                    super(employeeId, employeeName, designation);
                    this.monthlySalary = monthlySalary;
             public double getMonthlySalary() {
                   return monthlySalary;
             public void setMonthlySalary(double monthlySalary) {
                    this.monthlySalary = monthlySalary;
```

```
@Override
public double calculateweeklysalary() {
    return monthlysalary / 4;
}

@Override
public void displayEmployeeDetails() {
    system.out.println("Employee 10: " + getEmployeeId());
    system.out.println("Employee Name: " + getEmployeeId());
    system.out.println("Employee Name: " + getEmployeeId());
    system.out.println("Desployee Name: " + getEmployeeId());
    system.out.println("Wonthly Salary: " + getWonthlySalary());
    system.out.println("Wonthly Salary: " + calculateWeeklySalary());
    system.out.println("Weekly Salary: " + calculateWeeklySalary());
    system.out.pri
```

Employee ID: 1

Employee Name: prabu

Designation: Hourly Employee

Hourly Rate: 10.0 Hours Worked: 40 Weekly Salary: 400.0 Annual Earnings: 20800.0

Employee ID: 2

Employee Name: senthiLnathan Designation: Salaried Employee

Monthly Salary: 5000.0 Weekly Salary: 1250.0 Annual Earnings: 65500.0

Employee ID: 3

Employee Name: helen

Designation: Executive Employee

Monthly Salary: 8000.0 Weekly Salary: 2030.0 Annual Earnings: 105680.0

PS D:\Java Projects>

QUESTION 02

```
Employee ID: 1
Employee Name: prabu
Designation: Hourly Worker
Hourly Rate: 15.0
Hours Worked: 40
Weekly Salary: 600.0
Weekly Salary: 600.0
Bonus: 0.0
Annual Earnings: 31200.0
Employee ID: 2
Employee Name: senthilnathan
Designation: Manager
Monthly Salary: 6000.0
Weekly Salary: 1500.0
Weekly Salary: 1500.0
Bonus: 600.0
Annual Earnings: 78600.0
Employee ID: 3
Employee Name: helen
Designation: Executive
Monthly Salary: 10000.0
Weekly Salary: 2537.5
Weekly Salary: 2537.5
Bonus: 150.0
Annual Earnings: 132100.0
Total Payroll: 241900.0
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```