import java.util.Date;

import java.text.DateFormat;

import java.text.NumberFormat;

**public class TestPayroll{**

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

//Set up the formatters

Date d = new Date();

DateFormat df = DateFormat.getDateInstance();

NumberFormat nf = NumberFormat.getCurrencyInstance();

System.out.println("ABC Company");

System.out.println ("\nPayroll For Week Ending " + df.format (d));

System.out.println("--------------------------------------");

//Define employee 1

Payroll employee1 = new Payroll ("444-4444", 30, 25);

employee1.calculateSalary();

displaySalary (employee1, nf);

//Define employee 2

Payroll employee2 = new Payroll ("555-55555", 20, 50);

employee2.calculateSalary();

displaySalary(employee2, nf);

System.out.println("\tIncrease " + employee1.getEmployeeId() + " by 10 hours");

employee1.increaseHours(10); // 10 hours increase

System.out.println("\tEmployee # ...... " + employee1.getEmployeeId ());

System.out.println("\tHours Worked:.... " + employee1.getHours() + " hours");

System.out.println("\tHourly Rate:..... " + nf.format(employee1.getHourly\_Rate()) + "/hour");

System.out.println("\tYour Salary is .. " + nf.format(employee1.Salary));

System.out.println("\t------------------------------");

System.out.println("Total Payout Amount..... " + nf.format(Payroll.getTotalPayout()));

System.out.println("-------------End of Report------------");

}

**public static void displaySalary (Payroll e, NumberFormat nf){**

System.out.println("\tEmployee # ...... " + e.getEmployeeId ());

System.out.println("\tHours Worked .... " + e.getHours() + " hours");

System.out.println("\tHourly Rate ..... " + nf.format(e.getHourly\_Rate()) + "/hour");

System.out.println("\tYour Salary is .. " + nf.format(e.calculateSalary()));

System.out.println("\t------------------------------\n");

}

}

**class Payroll{**

private static double TotalPayout;

private double Hours;

private double Hourly\_Rate;

private String EmployeeId;

public static double Salary;

private double increaseHours = 10;

**public Payroll (String getEmployeeId, double getHours, double getHourly\_Rate){**

EmployeeId = getEmployeeId;

Hours = getHours;

Hourly\_Rate = getHourly\_Rate;

Salary = Hours \* Hourly\_Rate;

TotalPayout = TotalPayout + Salary;

}

**public static double getTotalPayout(){**

return TotalPayout;

}

**public String getEmployeeId (){**

return EmployeeId;

}

**public double getHours (){**

return Hours;

}

**public void increaseHours (double increaseHours){**

Hours = increaseHours + Hours;

TotalPayout += increaseHours \* Hourly\_Rate;

}

**public double getHourly\_Rate(){**

return Hourly\_Rate;

}

**public double calculateSalary(){**

Salary = Hours \* Hourly\_Rate;

return Salary;

}

}