

## Answer on Question#49135 - Programming – Java

### Question:

**“1. Write a JAVA program that will input Employee Name, Rate per hour, No. of hours worked and will compute the daily wage of an employee. If the number of hours worked exceeds eight hours add 30% to each excess hours as overtime rate.**

**Formula: Daily Wage = Rate per hour \* No. of hours worked + OT pay”**

### Answer:

```
import java.util.Scanner;

public class EmployeesMain {

    static double dailyWage(double ratePerHour, double numberOfHoursWorked){//create
    //method for calculation daily wage

        if(numberOfHoursWorked <= 8){//if there aren't any excess hours

            return ratePerHour * numberOfHoursWorked;

        }

        else//if there are some excess hours

            return 8 * ratePerHour + (numberOfHoursWorked - 8) * ratePerHour +
    (numberOfHoursWorked - 8) * ratePerHour * 0.3;
    }

    public static void main(String[] args) {

        String nameEmployee;

        double ratePerHour, numberOfHoursWorked;

        Scanner sc = new Scanner(System.in);//create Scanner object and put input
    //stream into it

        System.out.println("Please, enter employee name");

        nameEmployee = sc.nextLine();

        System.out.println("Please, enter a rate per hour");
```

```

if(sc.hasNextDouble()){//if the entered number has a right format

    ratePerHour = sc.nextDouble();

    System.out.println("Please, enter a number of hour worked");

    if(sc.hasNextDouble()){

        numberOfHoursWorked = sc.nextDouble();

        System.out.print("Name: " + nameEmployee + "\n" + "Daily
wage: " + dailyWage(ratePerHour, numberOfHoursWorked));
    }
    else

        System.out.println("You've entered wrong number. Please,
try again");

    }
    else

        System.out.println("You've entered wrong number. Please, try
again");
}

//main

//class

```