

```

1  import java.util.Scanner;
2  public class cd13
3  {
4      public static void main(String[] args) {
5          final int NUM_EMPLOYEES = 2;
6          final int EMPLOYEE_DATA_SIZE = 3; // Employee ID, Hourly Rate, Hours Worked
7
8          // Create a two-dimensional array to store employee data (ID, Hourly Rate,
9          // Hours Worked)
10         int[][] employeeData = new int[NUM_EMPLOYEES][EMPLOYEE_DATA_SIZE];
11
12         // Input employee data
13         Scanner scanner = new Scanner(System.in);
14         for (int i = 0; i < NUM_EMPLOYEES; i++) {
15             System.out.println("Enter data for Employee " + (i + 1) + ":");
16             System.out.print("Employee ID: ");
17             employeeData[i][0] = scanner.nextInt();
18             System.out.print("Hourly Rate: ");
19             employeeData[i][1] = scanner.nextInt();
20             System.out.print("Hours Worked: ");
21             employeeData[i][2] = scanner.nextInt();
22         }
23
24         // Calculate and display total wage for each employee
25         System.out.println("\nEmployee Wage Calculation:");
26         System.out.println("-----");
27         for (int i = 0; i < NUM_EMPLOYEES; i++) {
28             int employeeID = employeeData[i][0];
29             int hourlyRate = employeeData[i][1];
30             int hoursWorked = employeeData[i][2];
31
32             int totalWage = hourlyRate * hoursWorked;
33             System.out.println("Employee " + employeeID + " Wage: Rs" + totalWage);
34         }
35
36         scanner.close();
37     }
38 }

```