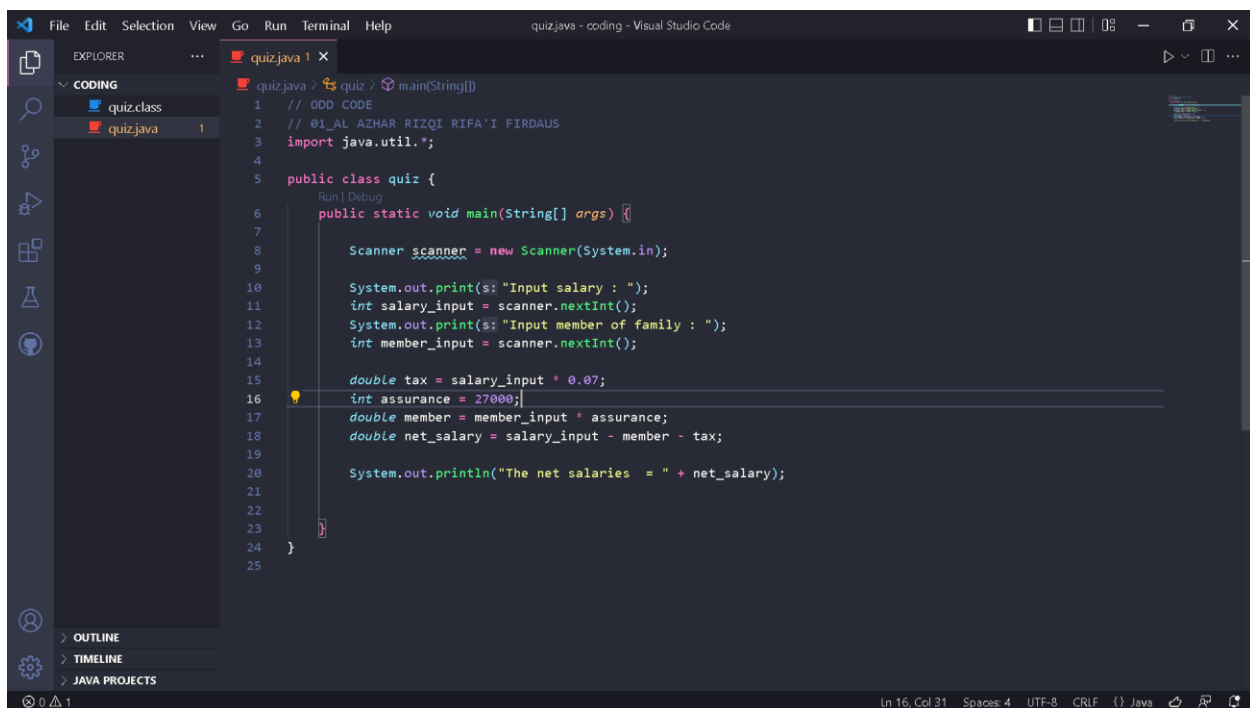


QUESTION!

Mr. John works in companies with different base salaries. The company requires every employee to include health insurance with a monthly contribution of IDR 27,000.00/person deducted from his basic salary. The nominal amount of health insurance paid by each employee varies depending on the number of family members involved. In addition to being required to participate in health insurance, the basic salary of employees is also subject to a 7% tax. Write a program to calculate the net salary received by employees each month! NB: The program uses Scanner input.

Answer :

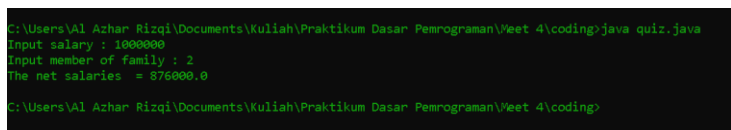
Code :

A screenshot of the Visual Studio Code editor interface. The Explorer sidebar on the left shows a project named 'quizjava' with files 'quiz.class' and 'quiz.java'. The main editor window displays the source code for 'quiz.java'. The code is a Java program that takes salary and family member inputs, calculates a 7% tax and a health insurance contribution based on the number of family members, and then calculates the net salary. The code is as follows:

```
1 // ODD CODE
2 // 01_AL AZHAR RIZQI RIFA'I FIRDAUS
3 import java.util.*;
4
5 public class quiz {
6     public static void main(String[] args) {
7
8         Scanner scanner = new Scanner(System.in);
9
10        System.out.print(s: "Input salary : ");
11        int salary_input = scanner.nextInt();
12        System.out.print(s: "Input member of family : ");
13        int member_input = scanner.nextInt();
14
15        double tax = salary_input * 0.07;
16        int assurance = 27000;
17        double member = member_input * assurance;
18        double net_salary = salary_input - member - tax;
19
20        System.out.println("The net salaries = " + net_salary);
21
22    }
23
24 }
25
```

The status bar at the bottom indicates the cursor is at line 16, column 31, with 4 spaces, UTF-8 encoding, CRLF line endings, and the file is a Java file.

Result :

A screenshot of a terminal window showing the execution of the Java program. The prompt is 'C:\Users\Al Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Peet 4\coding>'. The user enters 'java quiz.java'. The output shows the program prompts for salary and family members, and then calculates the net salary.

```
C:\Users\Al Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Peet 4\coding> java quiz.java
Input salary : 1000000
Input member of family : 2
The net salaries = 876000.0
C:\Users\Al Azhar Rizqi\Documents\Kuliah\Praktikum Dasar Pemrograman\Peet 4\coding>
```