

# Basic Programming Practicum

## Quiz 1



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**Class**

1i

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```

Quiz1.java > Quiz1 > main(String[])
1 //EVEN CODE
2 //08_DICHA ZELIANIVAN ARKANA
3
4 import java.util.Scanner;
5
6 public class Quiz1 {
7     public static void main(String[] args) {
8         Scanner sc = new Scanner(System.in);
9         final int MONTHLY_CONTRIBUTION = 27000;
10        final float TAX = 0.07f; // 7%
11
12        System.out.print("Insert your base salary: ");
13        int baseSalary = sc.nextInt();
14        System.out.print("Insert the number of people in your family: ");
15        int numberOfFamily = sc.nextInt();
16
17        int monthlyContributionTotal = MONTHLY_CONTRIBUTION * numberOfFamily;
18        float taxTotal = baseSalary * TAX;
19        float netSalary = baseSalary - monthlyContributionTotal - taxTotal;
20
21        System.out.println("-----");
22        System.out.printf("Your family members: %d\n", numberOfFamily);
23        System.out.printf("Total monthly contributions: %d x %d = %d\n", MONTHLY_CONTRIBUTION, numberOfFamily, monthlyContributionTotal);
24        System.out.printf("Tax total: %s x %d = %.2f\n", "7%", baseSalary, taxTotal);
25        System.out.printf("Your net salary is: %d - %d - %.2f = %.2f\n", baseSalary, monthlyContributionTotal, taxTotal, netSalary);
26
27        sc.close();
28    }
29 }

```

Figure 1: The Program Code

```

uni-stuff/basic-programming-practicum/2022-09-22/quiz-1 on master (!?!) via v1.8.0 took 4s
< javac Quiz1.java && java Quiz1
Insert your base salary: 6000000
Insert the number of people in your family: 4
-----
Your family members: 4
Total monthly contributions: 27000 x 4 = 108000
Tax total: 7% x 6000000 = 420000.00
Your net salary is: 6000000 - 108000 - 420000.00 = 5472000.00

```

Figure 2: The Program Output