

**LAPORAN PRAKTIKUM**  
**Algoritma Pemrograman**

**EVALUASI**



**Disusun oleh:**

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**S1IF-13-02**

**PROGRAM STUDI S1 INFORMATIKA**  
**FAKULTAS INFORMATIKA**  
**TELKOM UNIVERSITY PURWOKERTO**  
**2025**

## SOAL

### 1. SOAL 1

#### Source Code

```
package main

import "fmt"

func main() {

    var n int
    var jumlah int

    fmt.Print("Masukkan bilangan negatif (n): ")
    fmt.Scan(&n)

    for i := 1; i <= n; i++ {

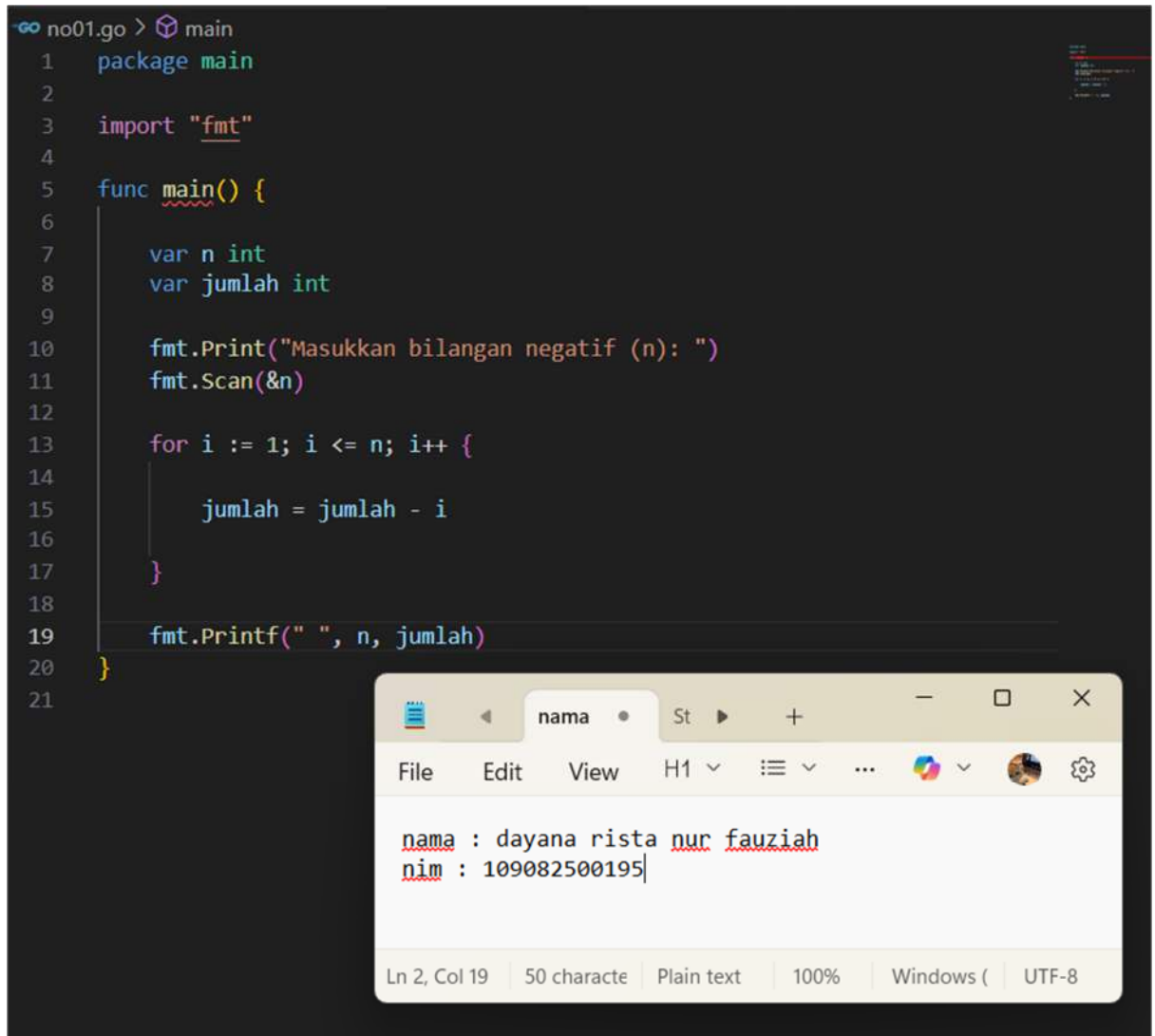
        jumlah = jumlah - i

    }

    fmt.Printf(" ", n, jumlah)

}
```

## Screenshoot program



The screenshot shows a Go program in a code editor and its output in a terminal window. The code is as follows:

```
no01.go > main
1 package main
2
3 import "fmt"
4
5 func main() {
6
7     var n int
8     var jumlah int
9
10    fmt.Print("Masukkan bilangan negatif (n): ")
11    fmt.Scan(&n)
12
13    for i := 1; i <= n; i++ {
14
15        jumlah = jumlah - i
16    }
17
18    fmt.Printf(" ", n, jumlah)
19 }
20
21
```

The terminal window shows the output of the program:

```
nama : dayana rista nur fauziah
nim : 109082500195
```

## Deskripsi program

Jelaskan kode yang ada di source code, semakin detal semakin baik nilainya

## 2. SOAL 2

### Source Code

```
package main

import "fmt"

func main() {
    var x, y int
    fmt.Scan(&x, &y)

    for i := 1; i <= y; i++ {

        hasil = x * y
    }

    fmt.Printf("x", x, "y" y, "hasil" hasil)
}
```

**Screenshoot program**

```
no2.go > main
C:\MATA KULIAH\asesmen7\no2.go • 1 problem in this file
2
3  import "fmt"
4
5  func main() {
6      var x, y, hasil int
7      fmt.Scan(&x, &y)
8
9      for i := 1; i <= y; i++ {
10
11          hasil = x * y
12      }
13
14      fmt.Print("x", x,"y" y,"hasil" hasil)
15  }
16
```

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Deskripsi program

### 3. SOAL 3

Source Code

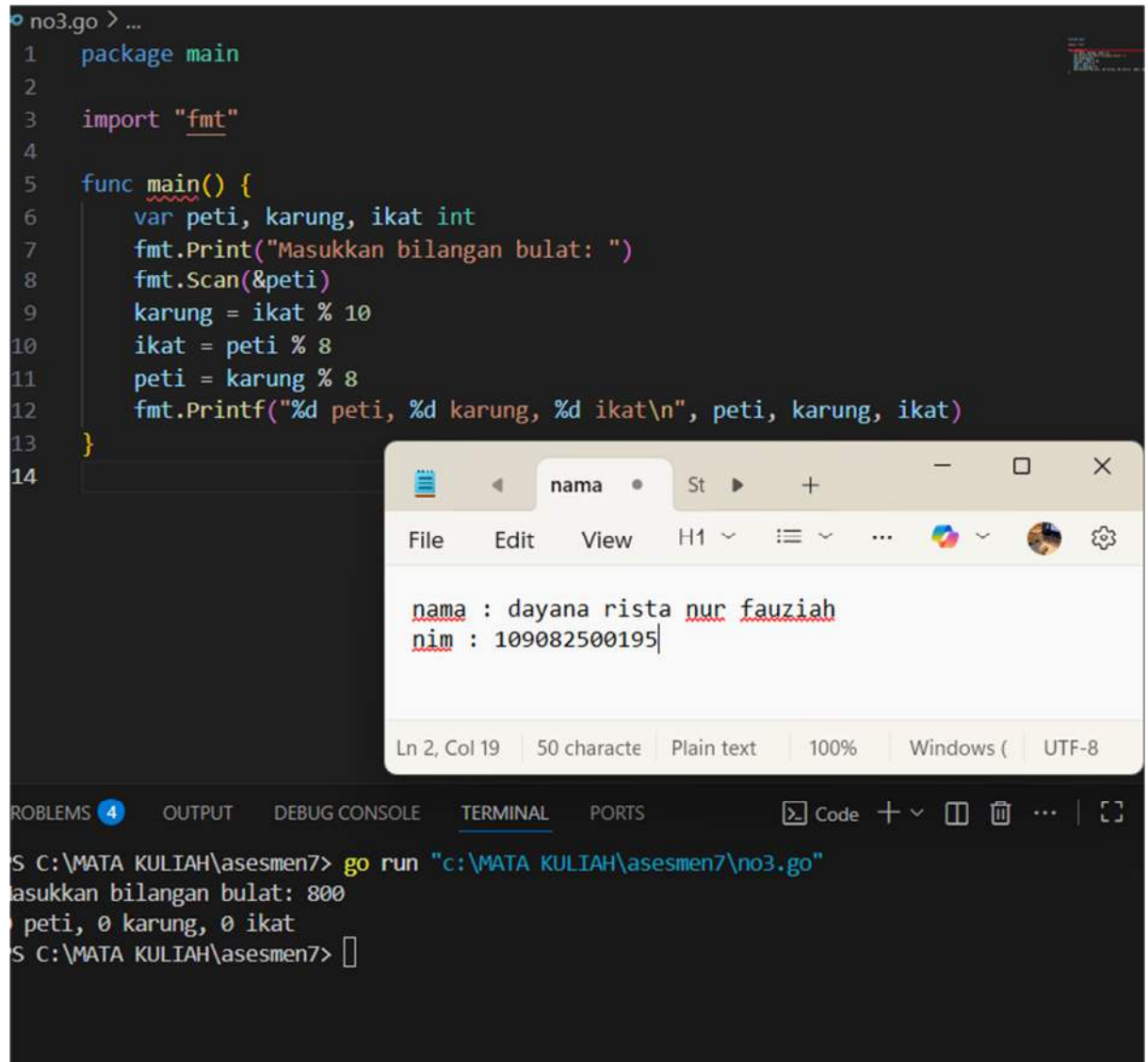
```
package main

import "fmt"

func main() {
    var peti, karung, ikat int
    fmt.Print("Masukkan bilangan bulat: ")
    fmt.Scan(&peti)
    karung = ikat % 10
    ikat = peti % 8
    peti = karung % 8
    fmt.Printf("%d peti, %d karung, %d ikat\n", peti,
    karung, ikat)
```

```
}
```

### Screenshoot program



The screenshot shows a Go program in a code editor and its execution in a terminal. The code defines a `main` function that takes three integers (`peti`, `karung`, `ikat`) and calculates their values based on user input. The terminal shows the program being run, the prompt "Masukkan bilangan bulat: 800", and the output "peti, 0 karung, 0 ikat".

```
no3.go > ...
1 package main
2
3 import "fmt"
4
5 func main() {
6     var peti, karung, ikat int
7     fmt.Print("Masukkan bilangan bulat: ")
8     fmt.Scan(&peti)
9     karung = ikat % 10
10    ikat = peti % 8
11    peti = karung % 8
12    fmt.Printf("%d peti, %d karung, %d ikat\n", peti, karung, ikat)
13 }
14
```

nama : dayana rista nur fauziah  
nim : 109082500195

```
S C:\MATA KULIAH\asesmen7> go run "c:\MATA KULIAH\asesmen7\n03.go"
Masukkan bilangan bulat: 800
peti, 0 karung, 0 ikat
S C:\MATA KULIAH\asesmen7>
```

### Deskripsi program