

LAPORAN PRAKTIKUM
Algoritma Pemrograman

EVALUASI



Disusun oleh:

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S1IF-12-07

PROGRAM STUDI S1 INFORMATIKA
FAKULTAS INFORMATIKA
TELKOM UNIVERSITY PURWOKERTO
2024

SOAL

1. SOAL 1

Source Code

```
package main

import "fmt"

func main() {

    var x, y, hasil int

    fmt.Scan(&x, &y)

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

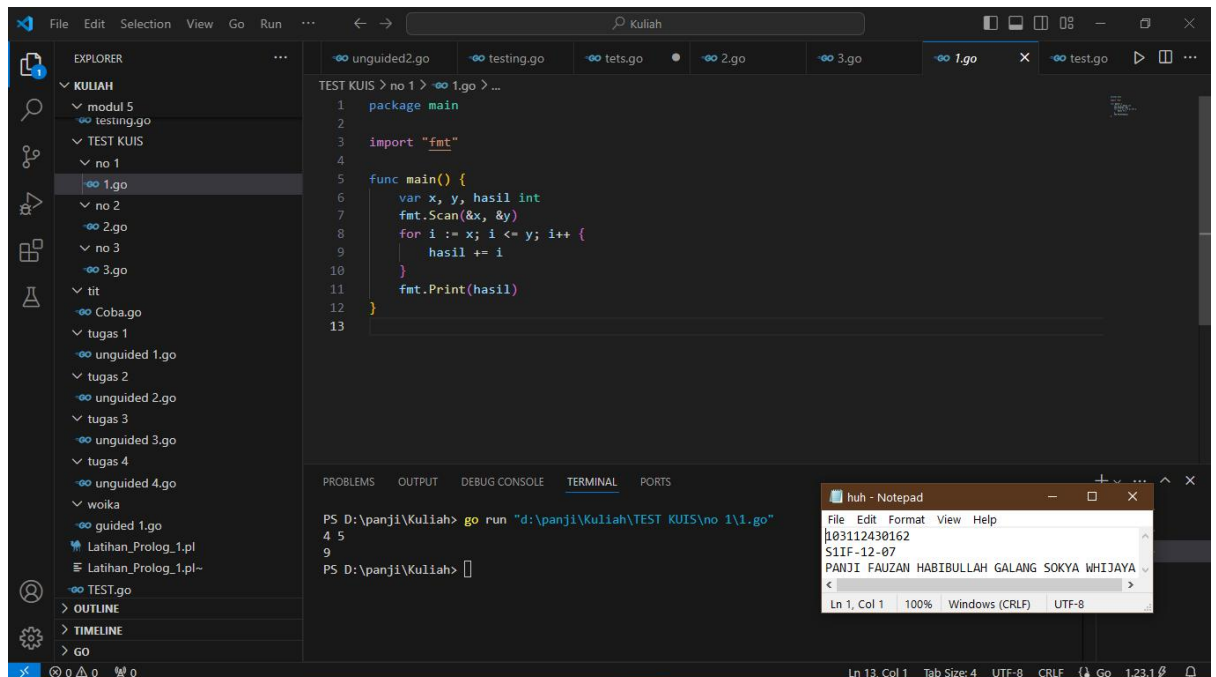
        hasil += i

    }

    fmt.Print(hasil)

}
```

Screenshoot program



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, hasil int

    fmt.Scan(&x)

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

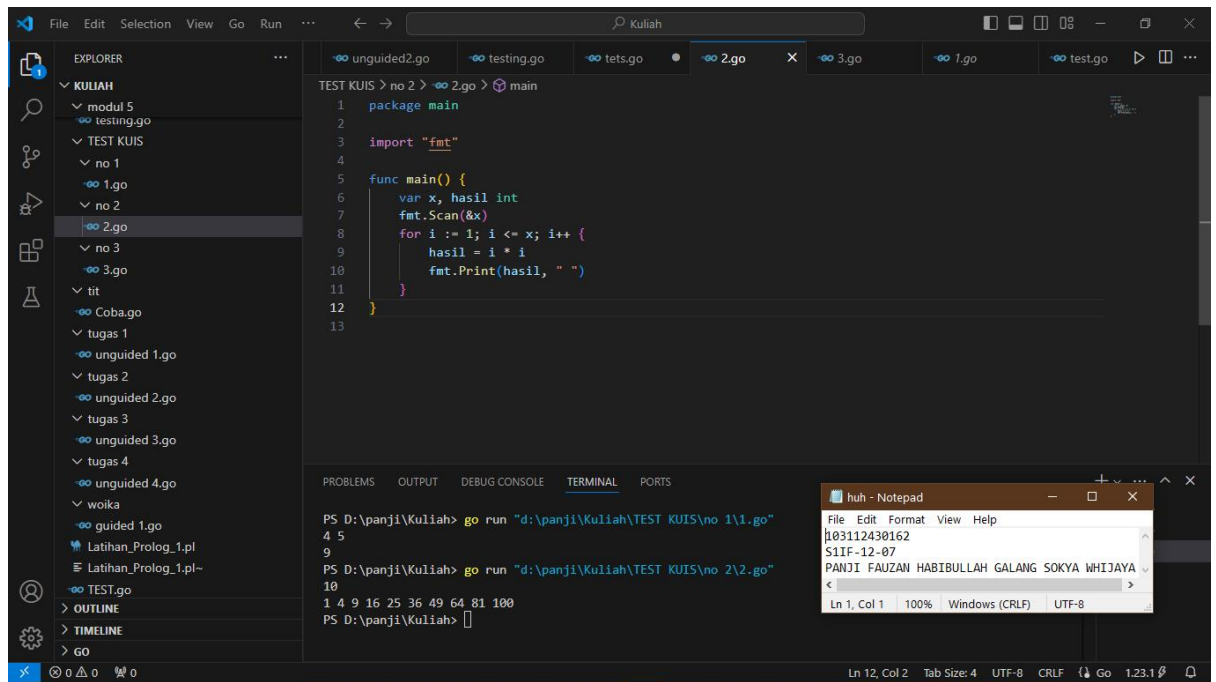
        hasil = i * i

        fmt.Print(hasil, " ")

    }

}
```

Screenshoot program



Deskripsi program

3. SOAL 3

Source Code

```
package main

import "fmt"

func main() {

    var q int

    fmt.Scan(&q)

    dinar := q / 600

    dirham := (q % 600) / 60

    fals := (q % 60) / 6

    qirat := q % 6

    fmt.Print(dinar, dirham, fals, qirat)

}
```

Screenshoot program

The screenshot shows the Visual Studio Code interface with a Go project named 'KULIAH'. The Explorer panel on the left shows the project structure, including a 'TEST KUIS' folder with a file 'no 3'. The main editor displays the source code for 'no 3.go', which is a Go program that calculates the value of 'q' based on input and prints the results in Indonesian Rupiah (IDR) denominations: 1000, 100, 10, and 1.

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     var q int
7     fmt.Scan(&q)
8     dinar := q / 600
9     dirham := (q % 600) / 60
10    fals := (q % 60) / 6
11    qirat := q % 6
12    fmt.Print(dinar, dirham, fals, qirat)
13 }
14
```

The TERMINAL panel at the bottom shows the output of the program, which is a list of numbers: 10, 1 4 9 16 25 36 49 64 81 100, 0 1 6 4, and 1000. The output is generated by running the command 'go run "d:\panji\Kuliah\TEST KUIS\n0 3\3.go"' in the terminal.

huh - Notepad

File Edit Format View Help

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PANJI FAUZAN HABIBULLAH GALANG SOKYA WHIJAYA

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Deskripsi program