

LAPORAN PRAKTIKUM
Algoritma Pemrograman

EVALUASI



Disusun oleh:

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PROGRAM STUDI S1 INFORMATIKA
FAKULTAS INFORMATIKA
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SOAL

1. SOAL 1

Source Code

```
package main

import "fmt"

func main() {

    var x, y, jmlh int

    fmt.Print("masukan x : ")

    fmt.Scan(&x)

    fmt.Print("masukan y : ")

    fmt.Scan(&y)

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

        jmlh += i

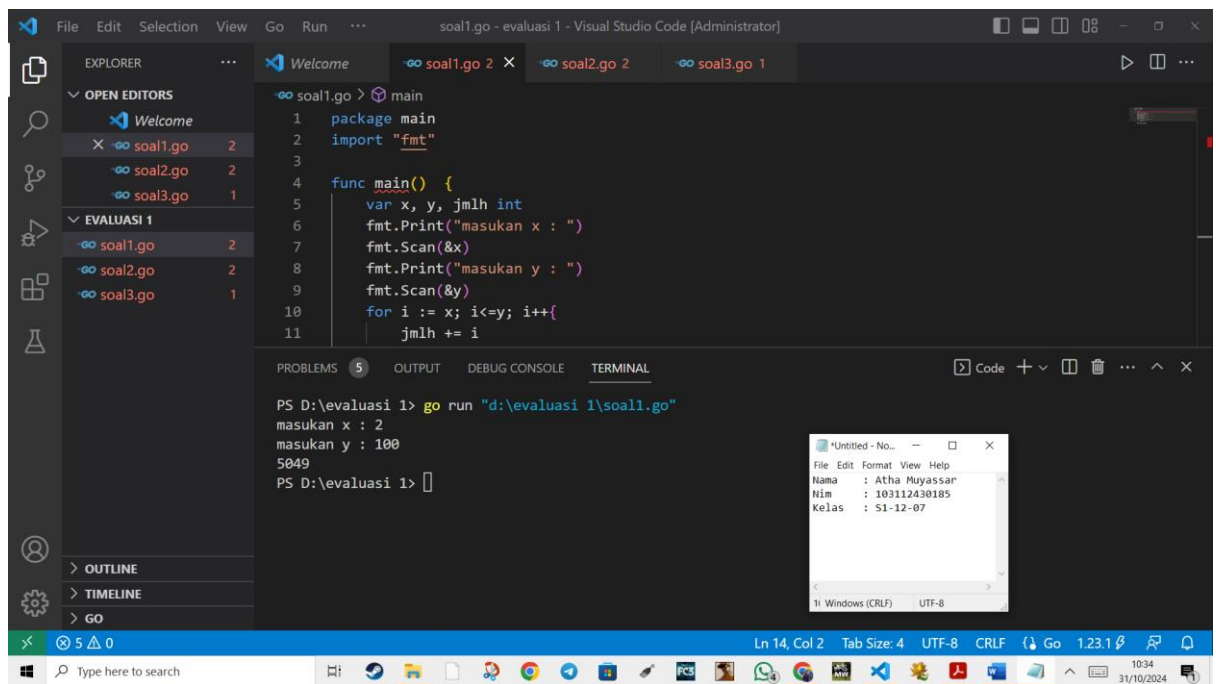
    }

    fmt.Print(jmlh)

}
```

Screenshoot program

//tambahkan tangkapan layar dari program (boleh lebih dari 1 jika diperlukan)
CONTOH TANGKAPAN LAYAR: (GUNAKAN NOTEPAD)



Deskripsi program

Disini saya menggunakan perulangan, kita input x dan y, lalu kita jumlahkan x sampai y dengan catatan x kurang dari atau sama dengan y

2. SOAL 2

Source Code

```
package main

import "fmt"

func main() {

    var n int

    fmt.Print("masukan n : ")

    fmt.Scan(&n)

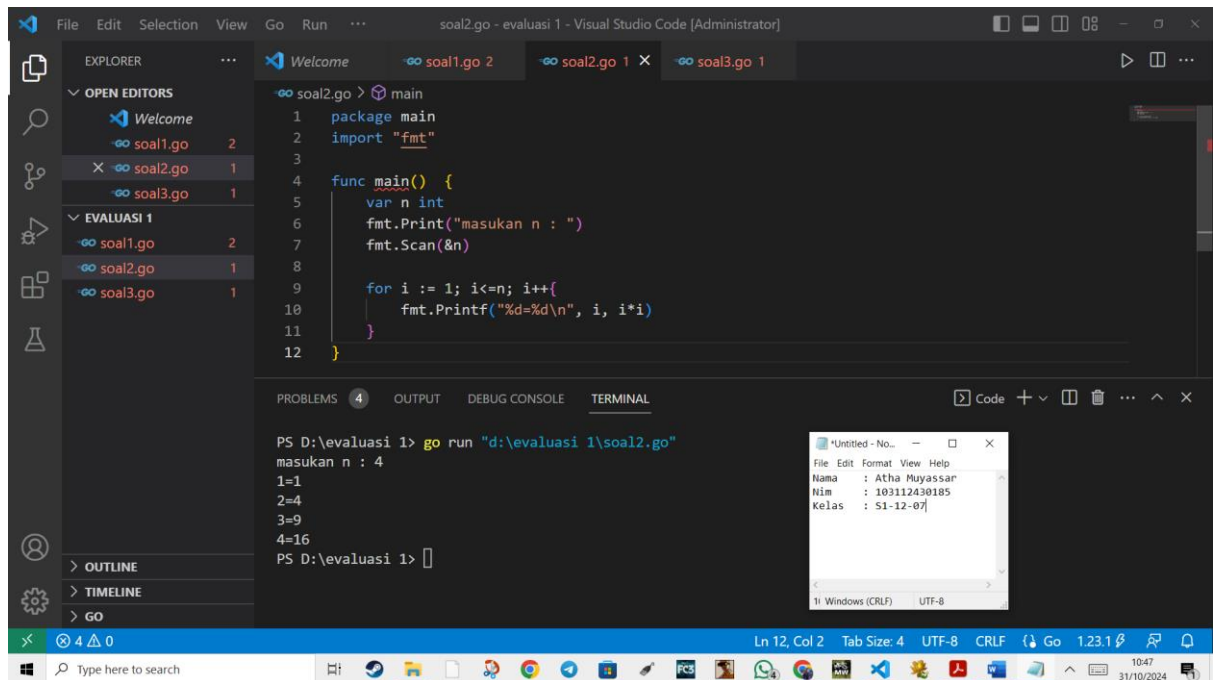
    for i := 1; i<=n; i++){

        fmt.Printf("%d=%d\n", i, i*i)

    }
```

```
}
```

Screenshoot program



Deskripsi program

3. SOAL 3

Source Code

```
package main

import "fmt"

func main() {

    var dinar, dirham, fals, qirat int

    fmt.Scan(&qirat)

    dinar = qirat / 600

    dirham = (qirat % 600) / 60

    fals = (qirat % 60) / 6

    qirat = qirat % 6

    fmt.Println("dinar", dinar,"dirham" ,dirham,
    "fals", fals, "qirat", qirat)
```

}

Screenshoot program

The screenshot displays the Visual Studio Code interface with a Go program in the editor and its execution output in the terminal. The Explorer sidebar on the left shows a project named 'EVALUASI 1' containing three files: 'soal1.go', 'soal2.go', and 'soal3.go'. The main editor window shows the code for 'soal3.go', which defines a 'main' function. The function declares variables 'dinar', 'dirham', 'fals', and 'qirat' as integers. It uses 'fmt.Scan' to read input from the user and 'fmt.Println' to print the results. The terminal at the bottom shows the command 'go run "d:\evaluasi 1\soal3.go"' being executed, followed by the output '1000', 'dinar 1 dirham 6 fals 6 qirat 4', and a prompt for further input.

```
func main() {  
    var dinar, dirham, fals, qirat int  
    fmt.Scan(&qirat)  
    dinar = qirat / 600  
    dirham = (qirat % 600) / 60  
    fals = (qirat % 60) / 6  
    qirat = qirat % 6  
    fmt.Println("dinar", dinar, "dirham", dirham, "fals", fals, "qirat", qirat)  
}
```

```
PS D:\evaluasi 1> go run "d:\evaluasi 1\soal3.go"  
1000  
dinar 1 dirham 6 fals 6 qirat 4  
PS D:\evaluasi 1>
```

Deskripsi program