LAPORAN PRAKTIKUM

Algoritma Pemrograman

EVALUASI

Disusun oleh:

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S1IF-13-07

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
            fmt.Scan(&n)


            for i := 1; i <= n; i++ {
               fmt.Print(2 * i)
               if i < n {
                    fmt.Print(", ")
               }
            }
    }
```

   Screenshoot program

```go
package main

import "fmt"

func main() {
    var n int
    fmt.Scan(&n)

    for i := 1; i <= n; i++ {
        fmt.Print(2 * i)
        if i < n {
            fmt.Print(", ")
        }
    }
}
```

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PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
PS C:\Coding\go_mastering> go run test.go
# command-line-arguments
.\test.go:12:21: i + 2 (value of type int) is not used
PS C:\Coding\go_mastering> go run test.go
# command-line-arguments
.\test.go:12:6: undefined: i
PS C:\Coding\go_mastering> go run test.go
# command-line-arguments
.\test.go:12:21: i + 2 (value of type int) is not used
PS C:\Coding\go_mastering> go run test.go
5
2, 4, 6, 8, 10
```

Deskripsi program

Program ini berfungsi untuk mencetak bilangan genap n pertama dimulai dari 2.

2. **SOAL 2**
   Source Code

```go
package main



import "fmt"


```

```
func main() {

    var a, b int

    var j int

    fmt.Scan(&a, &b)

    for j = a; j <= b; j++ {

        fmt.Print(j, " ")

        a = a * j

    }


    fmt.Println(a / 2)


}
```

Screenshoot program

```go
package main

import "fmt"

func main() {
    var a, b int
    var j int
    fmt.Scan(&a, &b)
    for j = a; j <= b; j++ {
        fmt.Print(j, " ")
        a = a * j
    }

    fmt.Println(a / 2)
}
```

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TERMINAL

```
PS C:\Coding\go_mastering> go run test.go
2 3 4 48
PS C:\Coding\go_mastering> go run test.go
2 4
2 3 4 6
PS C:\Coding\go_mastering> go run test.go
2 4
2 3 4 6
PS C:\Coding\go_mastering> ^C
PS C:\Coding\go_mastering> go run test.go
2 4
2 3 4 24
PS C:\Coding\go_mastering>
```

Deskripsi program

3. **SOAL 3**
   Source Code

   Screenshoot program

   Deskripsi program