

**LAPORAN PRAKTIKUM
ALGORITMA DAN PEMROGRAMAN 1**

MODUL XIII



Disusun Oleh :

Nama: M Rafi Maulana Fadhlurrahman

NIM :

103112400264

Kelas: IF12-05

Asisten Praktikum :

Ayu Susilowati

Noviana Rizki Anisa Putri

Dosen Pengampu :

Yudha Islami Sulistya

**PROGRAM STUDI S1 TEKNIK INFORMATIKA
FAKULTAS INFORMATIKA
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TUGAS PENDAHULUAN

A. PRAKTIKUM (),

Soal Studi Case

Sourcecode

```
package main

import "fmt"

func main() {
    var n int
    fmt.Print("Masukkan bilangan: ")
    fmt.Scan(&n)
    for i := 2; i <= n; i++ {
        prime := true
        for j := 2; j*j <= i; j++ {
            if i%j == 0 {
                prime = false
                break
            }
        }
        if prime {
            fmt.Print(i, " ")
        }
    }
}
```

Screenshoot Output

```
PS C:\golang> go run "c:\golang\Modul13\TP\guided1.go"
```

```
Masukkan bilangan: 7
```

```
2 3 5 7
```

```
PS C:\golang>
```

Deskripsi Program

()

B. TUGAS (2)

1. Soal Studi Case

Sourcecode

```
package main

import "fmt"

func main() {
    var n, sum int
    fmt.Print("Masukkan bilangan: ")
    fmt.Scan(&n)
    for i := 1; i < n; i++ {
        if n%i == 0 {
            sum += i
        }
    }
    if sum == n {
        fmt.Println("Ya")
    } else {
        fmt.Println("Tidak")
    }
}
```

Screenshoot Output

```
PS C:\golang> go run "c:\golang\Modul13\TP\guided2.go"
Masukkan bilangan: 454
Tidak
```

Deskripsi Program

(program untuk kata).

C. TUGAS ()

2. Soal Studi Case

Sourcecode



Screenshot Output



