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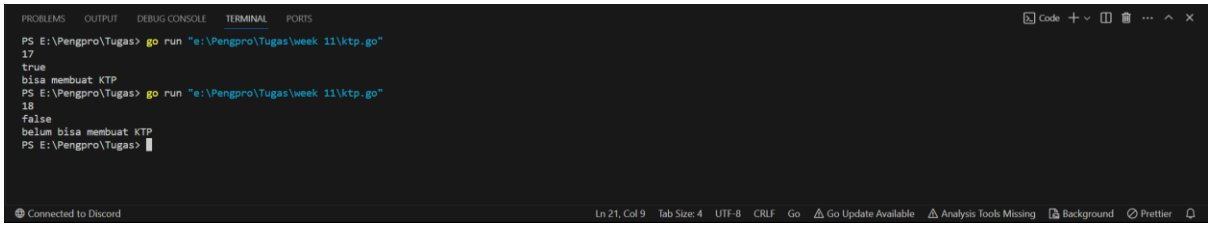
KTP

```go
package main

import "fmt"

func main() {
    var usia int
    var kk bool

    fmt.Scan(&usia)
    fmt.Scan(&kk)

    if usia > 16 && kk == true {
        fmt.Println("bisa membuat KTP")
    } else {
        fmt.Println("belum bisa membuat KTP")
    }
}

// Program ktp

// Kamus
// usia : Integer
// kk : Boolean

// Algoritma
// Input(usia)
// Input(kk)

// If usia > 16 and kk == true Then
//  Output("bisa membuat KTP")
// Else
//  Output("belum bisa membuat KTP")
// End If
// End Program
```

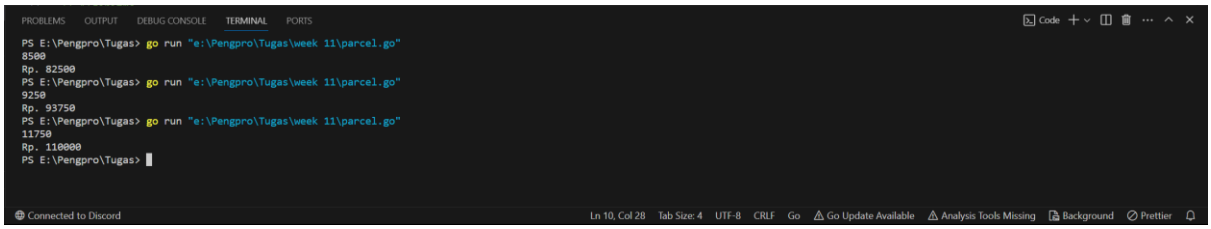


Pengiriman Parcel

```go
package main
```

```go
import "fmt"

func main() {
    var berat,sisa, ng, hkg,hs, total  int
    fmt.Scan(&berat)
    sisa = berat % 1000
    ng = berat-sisa
    hkg = (ng/1000) * 10000

    if sisa <500 && ng <= 10000{
        hs = sisa * 15
        total = hkg + hs
        fmt.Println("Rp.", total)
    } else if sisa >= 500 && ng <= 10000 {
        hs = sisa * 5
        total = hkg + hs
        fmt.Println("Rp.", total)
    } else {
        hs = sisa * 0
        total = hkg + hs
        fmt.Println("Rp.", total)
    }
}

// Program parcel

// Kamus
// berat, sisa, ng, hkg, hs, total : Integer

// Algoritma
// Input(berat)
// sisa <- berat mod 1000
// ng <- berat - sisa
// hkg <- (ng / 1000) * 10000

// If sisa < 500 and ng <= 10000 Then
//  hs <- sisa * 15
//  total <- hkg + hs
//  Output("Rp.", total)
// Else If sisa >= 500 and ng <= 10000 Then
//  hs <- sisa * 5
//  total <- hkg + hs
//  Output("Rp.", total)
// Else
//  hs <- sisa * 0
//  total <- hkg + hs
//  Output("Rp.", total)
// End If
```

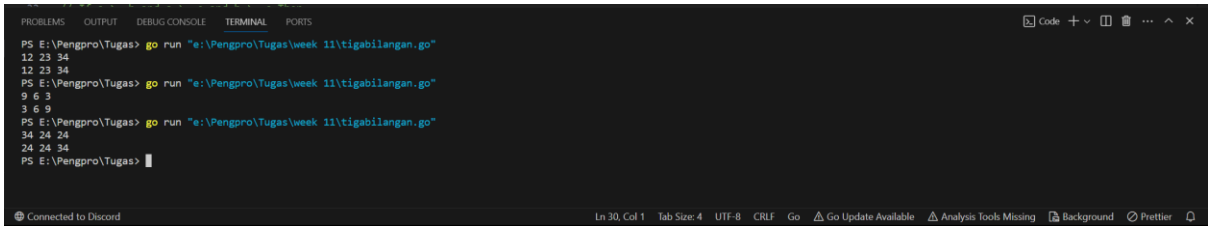
```
// End Program
```



Tiga Bilangan

```go
package main

import "fmt"

func main() {
    var a, b, c int
    fmt.Scan(&a, &b, &c)
    fmt.Println(a, b, c)
    if a >= b && a >= c && b >= c {
        fmt.Println(c, b, a)
    } else if a >= b && a >= c && b <= c {
        fmt.Println(b, c, a)
    } else if b >= a && b >= c && a >= c {
        fmt.Println(c, a, b)
    } else if b >= a && b >= c && a <= c {
        fmt.Println(a, c, b)
    } else if c >= a && c >= b && a >= b {
        fmt.Println(b, a, c)
    } else if c >= a && c >= b && a <= b {
        fmt.Println(a, b, c)
    }
}
// Program tigabilangan

// Kamus
// a, b, c : Integer

// Algoritma
// Input (a, b, c)

// If a >= b and a >= c and b >= c Then
//  Output (c, b, a)
// Else If a >= b and a >= c and b <= c Then
//  Output (b, c, a)
// Else If b >= a and b >= c and a >= c Then
//  Output (c, a, b)
// Else If b >= a and b >= c and a <= c Then
//  Output (a, c, b)
```

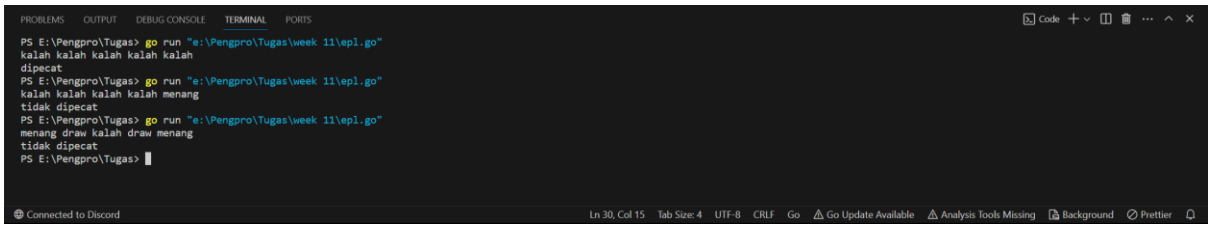
```
// Else If c >= a and c >= b and a >= b Then
//  Output (b, a, c)
// Else If c >= a and c >= b and a <= b Then
//  Output (a, b, c)
// End If
// End Program
```



Manager EPL

```
package main

import (
    "fmt"
    "strings"
)

func main() {
    var a, b, c, d, e string
    fmt.Scan(&a, &b, &c, &d, &e)
    if strings.ToLower(a) == "kalah" && strings.ToLower(b) == "kalah" &&
strings.ToLower(c) == "kalah" && strings.ToLower(d) == "kalah" &&
strings.ToLower(e) == "kalah" {
        fmt.Println("dipecat")
    } else {
        fmt.Println("tidak dipecat")
    }
}

// Program managerepl

// Kamus
// a, b, c, d, e : String

// Algoritma
// Input(a, b, c, d, e)

// If a == "kalah" and b == "kalah" and c == "kalah" and d == "kalah" and e ==
"kalah" Then
//  Output("dipecat")
// Else
//  Output("tidak dipecat")
// End If
```

```
// End Program
```

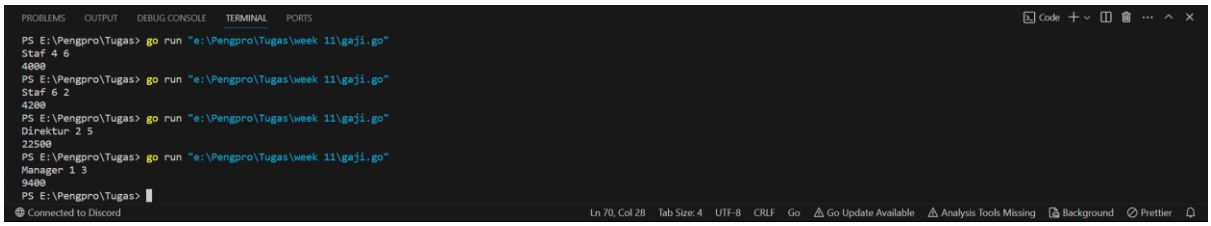


Gaji Pegawai

```go
package main

import (
    "fmt"
    "strings"
)

func main() {
    var jabatan string
    var masa, anak int
    var gaji, tunanak, total int

    fmt.Scan(&jabatan, &masa, &anak)
    if strings.ToLower(jabatan) == "staf" && masa < 5 && anak > 0 {
        gaji = 4000
        tunanak = 0
        total = gaji + tunanak
        fmt.Println(total)
    } else if strings.ToLower(jabatan) == "staf" && masa >= 5 && masa <= 10 &&
anak > 0 {
        gaji = 4000
        tunanak = 100 * anak
        total = gaji + tunanak
        fmt.Println(total)
    } else if strings.ToLower(jabatan) == "staf" && masa > 10 && anak > 0 {
        gaji = 5000
        tunanak = 100 * anak
        total = gaji + tunanak
        fmt.Println(total)
    } else if strings.ToLower(jabatan) == "manager" && masa <= 10 && anak > 0
{
        gaji = 8500
        tunanak = 300 * anak
        total = gaji + tunanak
        fmt.Println(total)
    } else if strings.ToLower(jabatan) == "manager" && masa > 10 && anak > 0 {
        gaji = 10000
        tunanak = 300 * anak
```

```
        total = gaji + tunanak
        fmt.Println(total)
    } else if strings.ToLower(jabatan) == "direktur" && masa > 0 && anak > 0 {
        gaji = 20000
        tunanak = 500 * anak
        total = gaji + tunanak
        fmt.Println(total)
    }
}

// Program gaji

// Kamus
// jabatan : String
// masa, anak : Integer
// gaji, tunanak, total : Integer

//Algoritma
// Input(jabatan, masa, anak)

// If jabatan == "staf" and masa < 5 and anak > 0 Then
//  gaji <- 4000
//  tunanak <- 0
//  total <- gaji + (100 * anak)
//  Output(total)
// Else If jabatan == "staf" and masa >= 5 and masa <= 10 and anak > 0 Then
//  gaji <- 4000
//  tunanak <- 100 * anak
//  total <- gaji + tunanak
//  Output(total)
// Else If jabatan == "staf" and masa > 10 and anak > 0 Then
//  gaji <- 5000
//  tunanak <- 100 * anak
//  total <- gaji + tunanak
//  Output(total)
// Else If jabatan == "manager" and masa <= 10 and anak > 0 Then
//  gaji <- 8500
//  tunanak <- 300 * anak
//  total <- gaji + tunanak
//  Output(total)
// Else If jabatan == "manager" and masa > 10 and anak > 0 Then
//  gaji <- 10000
//  tunanak <- 300 * anak
//  total <- gaji + tunanak
//  Output(total)
// Else If jabatan == "direktur" and masa > 0 and anak > 0 Then
//  gaji <- 20000
//  tunanak <- 500 * anak
```

```
//  total <- gaji + tunanak
//  Output(total)
// End If
// End Program
```



Motor Kopling

```go
package main

import "fmt"

func main() {
    var pgigi int
    var skopling, sgas bool

    fmt.Scan(&pgigi)
    fmt.Scan(&skopling, &sgas)

    if pgigi == 0 {
        fmt.Println("Mesin menyala dan motor tidak berjalan")
    } else if pgigi > 0 && pgigi <= 4 && skopling != true && sgas == true {
        fmt.Println("Motor berjalan")
    } else if pgigi > 0 && pgigi <= 4 && skopling != true && sgas != true {
        fmt.Println("Mesin mati")
    } else if pgigi > 0 && pgigi <= 4 && skopling == true && sgas == true {
        fmt.Println("Mesin menyala dan motor tidak berjalan")
    } else if pgigi > 0 && pgigi <= 4 && skopling == true && sgas != true {
        fmt.Println("Mesin menyala dan motor tidak berjalan")
    }
}

// Program motorkopling

// Kamus
// pgigi : Integer
// skopling, sgas : Boolean

// Algoritma
// Input(pgigi)
// Input(skopling, sgas)

// If pgigi == 0 Then
```

```
//  Output("Mesin menyala dan motor tidak berjalan")
// Else If pgigi > 0 and pgigi <= 4 and skopling != true and sgas == true Then
//  Output("Motor berjalan")
// Else If pgigi > 0 and pgigi <= 4 and skopling != true and sgas != true Then
//  Output("Mesin mati")
// Else If pgigi > 0 and pgigi <= 4 and skopling == true and sgas == true Then
//  Output("Mesin menyala dan motor tidak berjalan")
// Else If pgigi > 0 and pgigi <= 4 and skopling == true and sgas != true Then
//  Output("Mesin menyala dan motor tidak berjalan")
// End If

// End Program
```

Dermawan

```go
package main

import "fmt"

func main() {
    var n, x, total int

    fmt.Scan(&n)
    total = 0
    for i := 0; i < n; i++ {
        fmt.Scan(&x)
        total += x
    }
    fmt.Println("")
    fmt.Println(total)
}

// Program dermawan

// Kamus
// n, x, total : Integer

// Algoritma
// Input(n)
// total <- 0
```

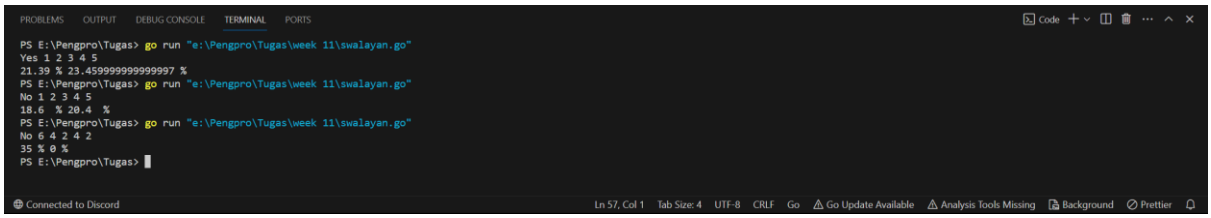
```
// For i <- 0 to n - 1
//  Input(x)
//  total <- total + x
// End For

// Output("")
// Output(total)
//End Program
```

Swalayan

```
package main

import (
    "fmt"
)

func main() {
    var membership string
    var a, b, c, d, e int
    var diskon, cashback float64

    fmt.Scan(&membership, &a, &b, &c, &d, &e)

    diskon = float64(c+d+e) * 1.7
    cashback = float64(a+b+c) * 3.1

    if diskon > 50.0 {
        diskon = 50.0
    }
    if cashback > 35.0 {
        cashback = 35.0
    }
    if membership == "No" && a%2 == 0 && b%2 == 0 && c%2 == 0 && d%2 == 0 &&
e%2 == 0 {
        diskon *= 0
        fmt.Println(cashback,"%", diskon,"%")
    } else if membership == "No" && a%2 != 0 && b%2 != 0 && c%2 != 0 && d%2 !=
0 && e%2 != 0 {
```

```
        cashback *= 0
        fmt.Println(cashback,"%", diskon,"%")
    } else if membership == "No" {
        fmt.Println(cashback," %", diskon," %")
    }

    if membership == "Yes" && a%2 == 0 && b%2 == 0 && c%2 == 0 && d%2 == 0 &&
e%2 == 0 {
        diskon *= 0
        diskon += 0.15
        fmt.Println(cashback,"%", diskon,"%")
    } else if membership == "Yes" && a%2 != 0 && b%2 != 0 && c%2 != 0 && d%2
!= 0 && e%2 != 0 {
        cashback *= 0
        cashback += 0.15
        fmt.Println(cashback,"%", diskon,"%")
    } else if membership == "Yes" {
        cashback += 0.15 * cashback
        diskon += 0.15 * diskon
        fmt.Println(cashback,"%", diskon,"%")
    }
}

// Program swalayan

// Kamus
// membership: String
// a, b, c, d, e: Integer
// diskon, cashback: Float

// Algoritma
// Input membership, a, b, c, d, e

// diskon <- Float(c + d + e) * 1.7
// cashback <- Float(a + b + c) * 3.1

// If diskon > 50.0 Then
//  diskon <- 50.0
// End If

// If cashback > 35.0 Then
//  cashback <- 35.0
// End If

// If membership == "No" and a mod 2 == 0 and b mod 2 == 0 and c mod 2 == 0
and d mod 2 == 0 and e mod 2 == 0 Then
//  diskon <- 0
//  Output (cashback,"%", diskon,"%")
```

```
// Else If membership == "No" and a mod 2 != 0 and b mod 2 != 0 and c mod 2 !=
0 and d mod 2 != 0 and e mod 2 != 0 Then
//  cashback <- 0
//  Output (cashback,"%", diskon,"%")
// Else If membership == "No" Then
//  Output (cashback,"%", diskon,"%")
// End If

// If membership == "Yes" and a mod 2 == 0 and b mod 2 == 0 and c mod 2 == 0
and d mod 2 == 0 and e mod 2 == 0 Then
//  diskon <- 0
//  diskon += 0.15
//  Output (cashback,"%", diskon,"%")
// Else If membership == "Yes" and a mod 2 != 0 and b mod 2 != 0 and c mod 2
!= 0 and d mod 2 != 0 and e mod 2 != 0 Then
//  cashback <- 0
//  cashback += 0.15
//  Output (cashback,"%", diskon,"%")
// Else If membership == "Yes" Then
//  cashback += 0.15 * cashback
//  diskon += 0.15 * diskon
//  Output (cashback,"%", diskon,"%")
// End If

// End Program
```



Ojol

```go
package main

import (
    "fmt"
)

func main() {
    var h, m, harga int;
    var km float64;

    fmt.Scan(&h, &m, &km)
    fmt.Println("")
```

```
    if h >= 5 && (h < 22 || h == 22 && m == 0) {
        if (h >= 5 && (h < 9 || h == 9 && m == 0)) || (h >= 16 && (h < 19 || h
== 19 && m == 0)) {
            if km > 0 && km <= 10 {
                harga = int(km * 5000)
            } else if km > 10 && km <= 20 {
                harga = int(km * 4500)
            } else {
                fmt.Println("Maaf, kami tidak bisa melayani pesanan anda.")
            }
        } else {
            if km > 0 && km <= 20 {
                harga = int(km * 4000)
            } else {
                fmt.Println("Maaf, kami tidak bisa melayani pesanan anda.")
            }
        }
        fmt.Println(harga)
    } else {
        fmt.Println("Maaf, kami tidak bisa melayani pesanan anda.")
    }

}

// Program ojol

// Kamus
// h, m, harga : Integer
// km : Float

// Algoritma
// Input(h, m, km)
// Output("")

// If h >= 5 and (h < 22 or (h == 22 and m == 0)) Then
//  If (h >= 5 and (h < 9 or (h == 9 and m == 0))) or (h >= 16 and (h < 19 or
(h == 19 and m == 0))) Then
//      If km > 0 and km <= 10 Then
//          harga <- int(km * 5000)
//      Else If km > 10 and km <= 20 Then
//          harga <- int(km * 4500)
//      Else
//          Output("Maaf, kami tidak bisa melayani pesanan anda.")
//      End If
//  Else
//      If km > 0 and km <= 20 Then
//          harga <- int(km * 4000)
//      Else
```

```
//          Output("Maaf, kami tidak bisa melayani pesanan anda.")
//      End If
//  Output(harga)
// Else
//  Output("Maaf, kami tidak bisa melayani pesanan anda.")
// End If
// End Program
```