

KTP

```
package main

import "fmt"

func main() {
    var usia int
    var kk bool

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

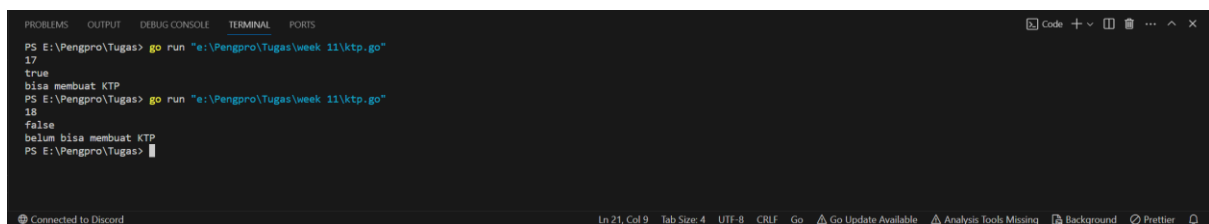
    if usia > 16 && kk == true {
        fmt.Println("bisa membuat KTP")
    } else {
        fmt.Println("belum bisa membuat KTP")
    }
}

// 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
```



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ktp.go"
17
true
bisa membuat KTP
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ktp.go"
18
false
belum bisa membuat KTP
PS E:\Pengpro\Tugas>
```

Pengiriman Parcel

```
package main
```

```

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

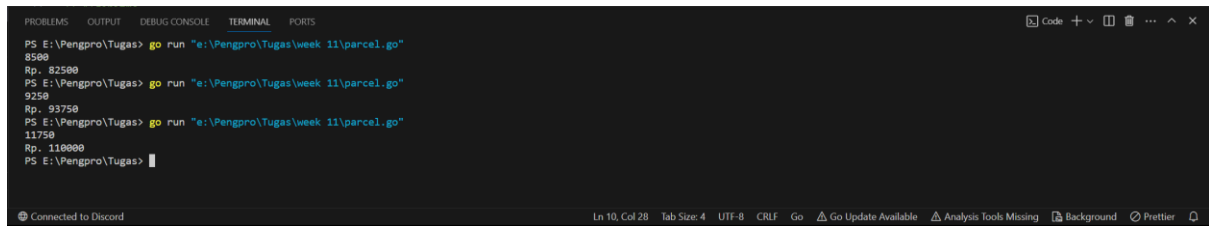
// Kamus
// berat, sisa, ng, hkg, hs, total : Integer

// 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
```



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\parcel.go"
8500
Rp. 82500
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\parcel.go"
9250
Rp. 93750
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\parcel.go"
11750
Rp. 110000
PS E:\Pengpro\Tugas> █

Ln 10, Col 28 Tab Size 4 UTF-8 CRLF Go Go Update Available Analysis Tools Missing Background Prettier
```

Tiga Bilangan

```
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)
    }
}

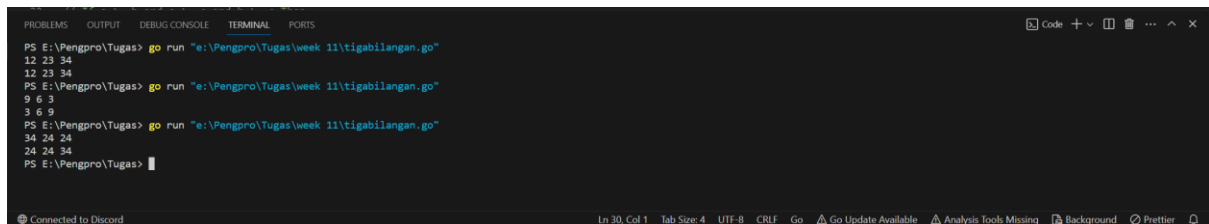
// Program tigabilangan

// 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
```



```
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\tigabilangan.go"
12 23 34
12 23 34
9 6 3
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\tigabilangan.go"
3 6 9
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\tigabilangan.go"
34 24 24
24 24 34
PS E:\Pengpro\Tugas> 
```

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")
    }
}

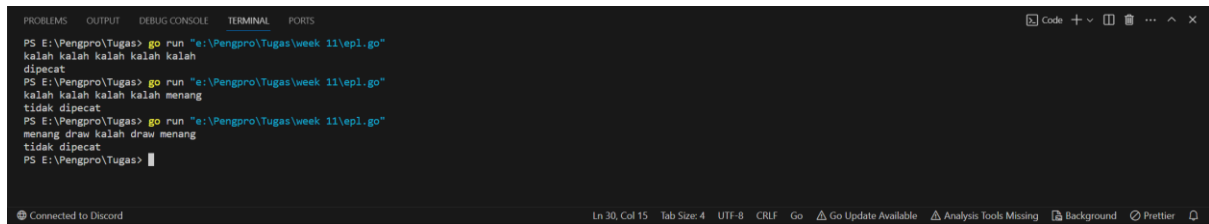
// Program managerepl

// 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
```



```
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ep1.go"
Kalah kalah kalah kalah kalah
dipekat
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ep1.go"
Kalah kalah kalah kalah menang
tidak dipekat
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ep1.go"
menang draw kalah draw menang
tidak dipekat
PS E:\Pengpro\Tugas>
```

Gaji Pegawai

```
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

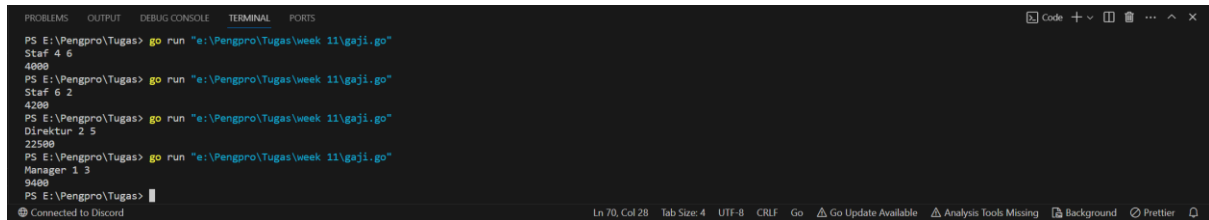
// Kamus
// jabatan : String
// masa, anak : Integer
// gaji, tunanak, total : Integer

//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
```



```
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\gaji.go"
Staf 4 6
4000
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\gaji.go"
Staf 6 2
4200
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\gaji.go"
Direktur 2 5
22500
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\gaji.go"
Manager 1 3
9400
PS E:\Pengpro\Tugas>
```

Motor Kopling

```
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

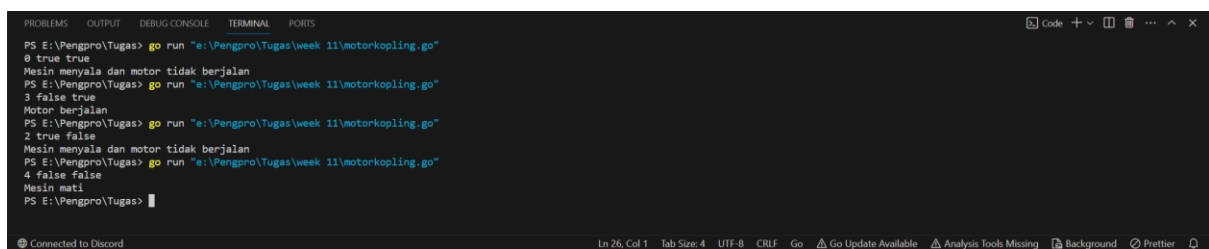
// Kamus
// pgigi : Integer
// skopling, sgas : Boolean

// 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
```



```
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\motorkopling.go"
0 true true
Mesin menyala dan motor tidak berjalan
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\motorkopling.go"
3 false true
Motor berjalan
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\motorkopling.go"
2 true false
Mesin menyala dan motor tidak berjalan
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\motorkopling.go"
4 false false
Mesin mati
PS E:\Pengpro\Tugas> █
```

Dermawan

```
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
```

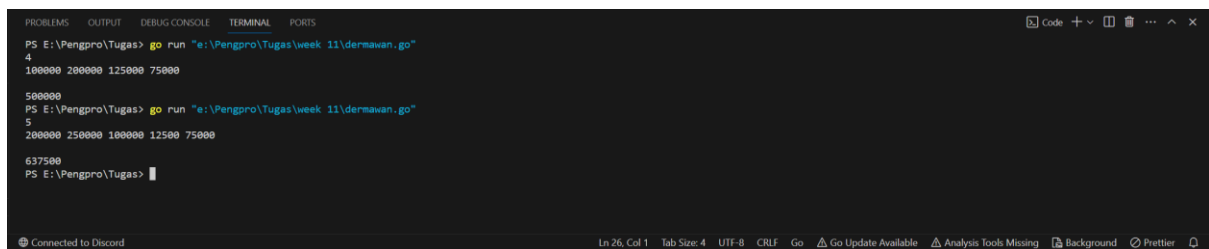


```

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

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

```



```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\dermawan.go"
4
100000 200000 125000 75000
500000
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\dermawan.go"
5
200000 250000 100000 12500 75000
637500
PS E:\Pengpro\Tugas>

```

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
```

```
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\swalayan.go"
Yes 1 2 3 4 5
21.39 % 23.459999999999997 %
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\swalayan.go"
No 1 2 3 4 5
18.6 % 20.4 %
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\swalayan.go"
No 6 4 2 4 2
35 % 0 %
PS E:\Pengpro\Tugas>
```

Ojol

```
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
```

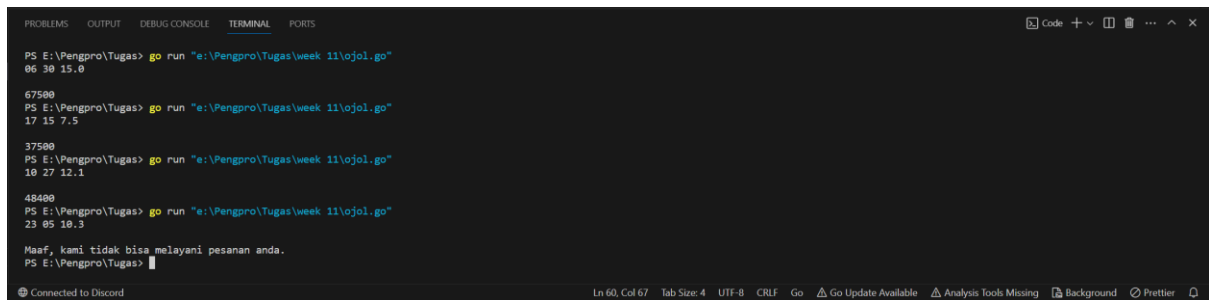
```
//   Else
```

```
//       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
```



The screenshot shows a VS Code terminal window with the following content:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ojol.go"
06 38 15.8

67500
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ojol.go"
17 15 7.5

37500
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ojol.go"
18 27 12.1

48000
PS E:\Pengpro\Tugas> go run "e:\Pengpro\Tugas\week 11\ojol.go"
23 05 18.3

Maaf, kami tidak bisa melayani pesanan anda.
PS E:\Pengpro\Tugas> 
```

The terminal window includes a status bar at the bottom with the text "Connected to Discord" and "Ln 60, Col 67 Tab Size: 4 UTF-8 CRLF Go Go Update Available Analysis Tools Missing Background Prettier".