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#1. Soal Matematika A

```go
package main

import "fmt"

func main() {
    var x, y , f float64

    fmt.Scan(&x, &y)

    f = 1 / ((3 * (x * x)) + 10) + (10 * y) + 7
    fmt.Println(f)
}

// Program matematikaa
// Kamus
// x, y, f: Real

// Algoritma
// Input(x, y)
// f <- 1 / ((3 * (x * x)) + 10) + (10 * y) + 7
// Output(f)
// End Program
```
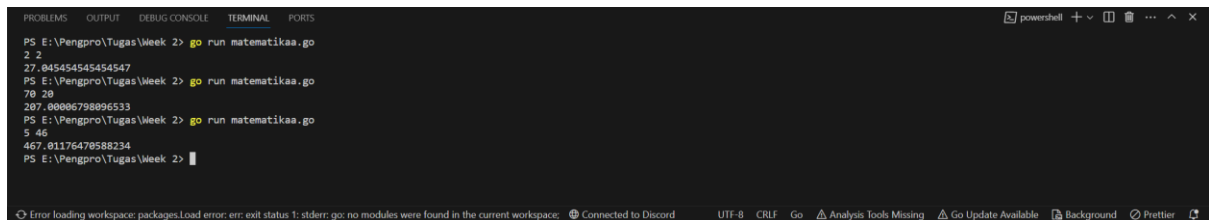

#2. Soal Matematika B

```go
package main

import "fmt"

func main() {
    var x, f float64

    fmt.Scan(&x)
    f = ((x * x * x) + (3 * x)) / ((x * x * x * x) - (3 * (x * x)) + 4)
    fmt.Println(f)
}

// Program matematikab
```

```
// Kamus
// x, f: Real

// Algoritma
// Input(x)
// f <- ((x * x * x) + (3 * x)) / ((x * x * x * x) - (3 * (x * x)) + 4)
// Output(f)
// End Program
```


#3. Soal Tiga Digit

```go
package main

import "fmt"

func main() {
    var x, d1, d2, d3 int

    fmt.Scan(&x)

    d1 = x / 100
    d2 = (x % 100) / 10
    d3 = x % 10

    fmt.Println(d1, d2, d3)
}

// Program tigadigit

// Kamus
// x, d1, d2, d3: Integer

// Algoritma
// Input(x)
// d1 <- x / 100
// d2 <- (x % 100) / 10
// d3 <- x % 10
// Output(d1, d2, d3)
// End Program
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

PS E:\Pengpro\Tugas\Week 2> go run tigadigit.go
444
4 4 4
PS E:\Pengpro\Tugas\Week 2> go run tigadigit.go
1
0 0 1
PS E:\Pengpro\Tugas\Week 2> go run tigadigit.go
546
5 4 6
PS E:\Pengpro\Tugas\Week 2>
```