

FUNDAMENTAL WEB
ACTIVITY 3
(VARIABLE & STRUKTUR KONTROL)
LEMBAR JAWABAN

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Hari / Tanggal : Jumat, 5 November 2021

1. Input

```
Get Started no1.go X
no1.go > ...
1 package main
2
3 import "fmt"
4
5 func main() {
6     var a, b, c int
7     a = 12
8     b = 8
9     c = a + b
10
11     fmt.Println(c)
12 }
13
```

Output

```
Install the latest POWERSHELL for new features and improvements! https://aka.ms/powershell
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> go run no1.go
20
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119>
```

2. Input

```
Get Started no1.go no2.go
no2.go > main
1 package main
2
3 import "fmt"
4
5 func main() {
6     var a, b, c, x, y, z int
7     a = 50
8     b = 20
9     c = 30
10    x = a + b - c
11    y = a * b
12    z = a / b
13
14    fmt.Println(x)
15    fmt.Println(y)
16    fmt.Println(z)
17 }
18
```

Output

```
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> go run no2.go
20
40
1000
2
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> |
```

3. Input

```
Get Started  ~GO no1.go  ~GO no2.go

~GO no3.go > main
1  package main
2
3  import "fmt"
4
5  func main() {
6      for i := 1; i <= 10; i++ {
7          fmt.Printf("i ke %d\n", i)
8      }
9  }
10
```

Output

```
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> go run no3.go
i ke 1
i ke 2
i ke 3
i ke 4
i ke 5
i ke 6
i ke 7
i ke 8
i ke 9
i ke 10
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> |
```

4. Input

```
Get Started  ~GO no1.go  ~GO no2.go  ~GO no3.go

~GO no4.go > main
1  package main
2
3  import "fmt"
4
5  func main() {
6      i := 10
7      if i > 10 {
8          fmt.Println("You're so big")
9      } else {
10         fmt.Println("Sorry, You're so small")
11     }
12 }
13
```

Output

```
no4.go:1:1: expected package, found 'for'
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> go run no4.go
Sorry, You're so small
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> |
```

5. Input

```
Get Started  -GO no1.go  -GO no2.go  -G
no5.go > main
1  package main
2
3  import "fmt"
4
5  func main() {
6      var nilai int
7      nilai = 90
8
9      switch nilai {
10     case 100:
11         fmt.Println("Excellent")
12     case 90:
13         fmt.Println("Good")
14     case 80:
15         fmt.Println("Better")
16     default:
17         fmt.Println("Sorry, You Fail")
18     }
19 }
20
```

Output

```
Sorry, You're so small
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> go run no5.go
Good
PS C:\Program Files\Go\src\Pert3_Act_Ali Akbar Said_50421119> 
```