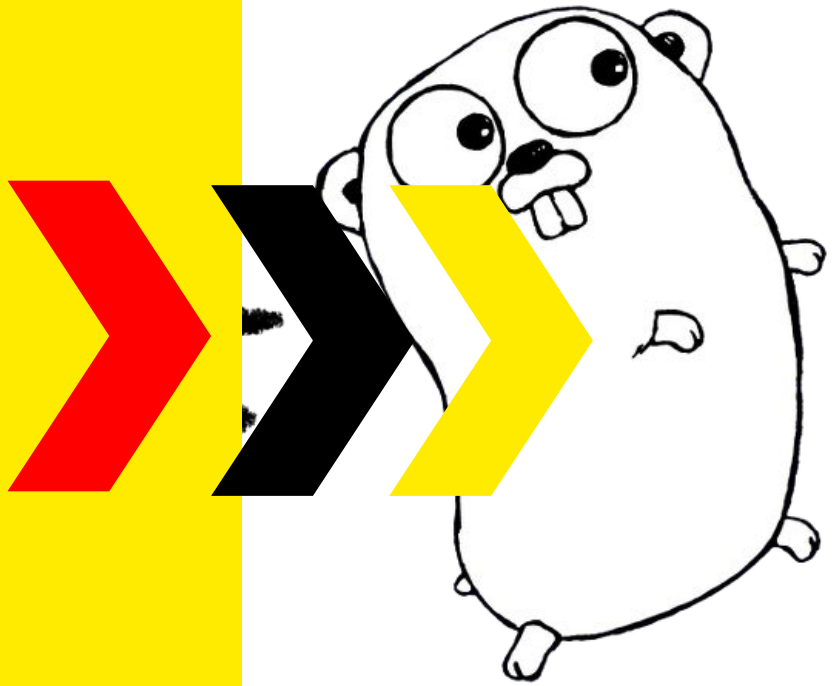
Course-Net
Empowering IT People

#EmpoweringITPeople

Basic Golang 2



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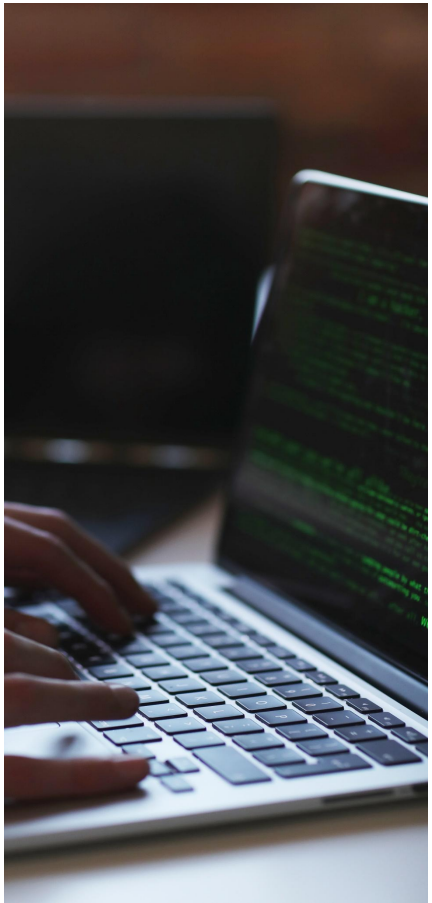

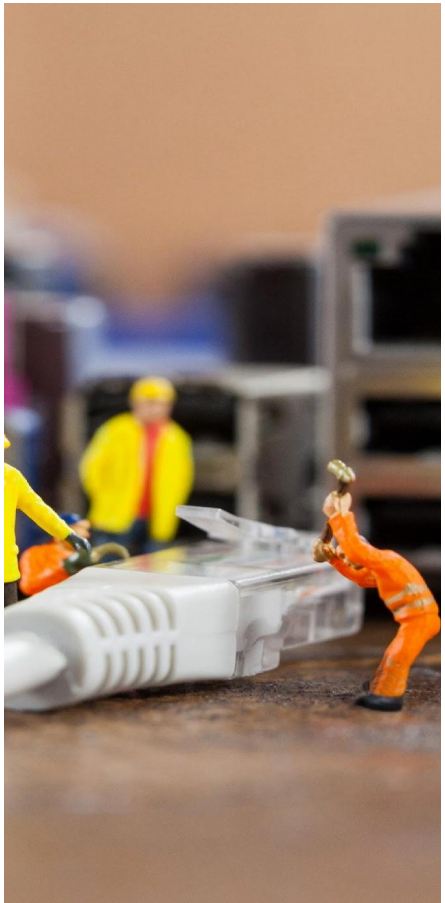

What to Learn?

Basic Golang

1. Selection
2. Switch Case

Selection

1 If Statement

If Else Statement 2

3 Nested If Statement

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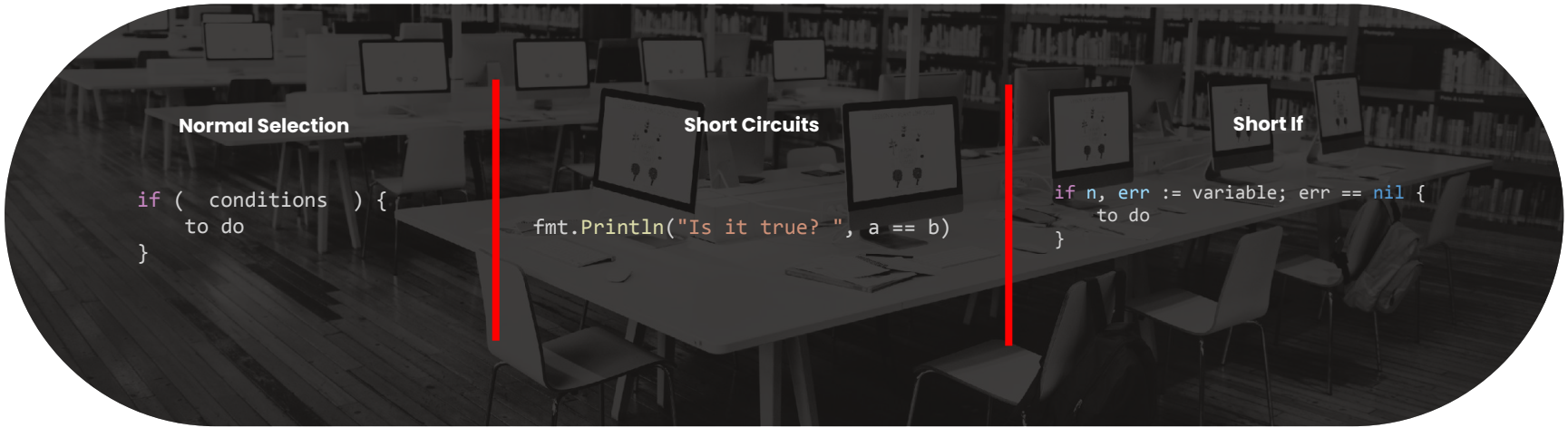
Selection Types in Go



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Selection -Comparison To Operators

```
fast := speed >= 80
slow := speed < 20

fmt.Printf("going fast? %t\n", f
ast)
fmt.Printf("going slow? %t\n", s
low)
```

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Short Circuits Selection – AND Operator

```
speed := 100

fmt.Println("within limits?",
        speed >= 40 &
& speed <= 55)
```

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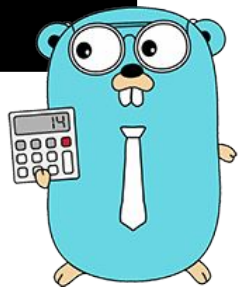
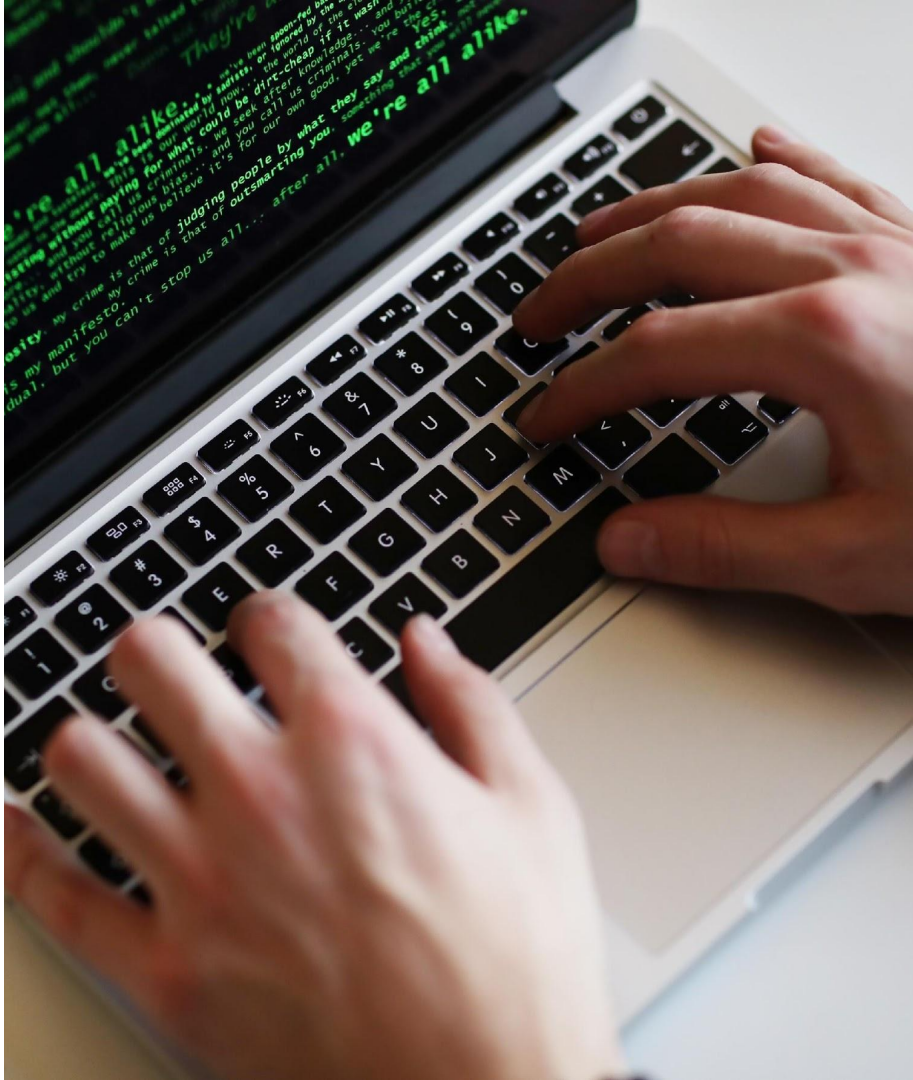
Short Circuits Selection – OR Operator

```
color := "blue"

fmt.Println("blue colors?",
    color == "blue" || colo
r == "dark blue")
```





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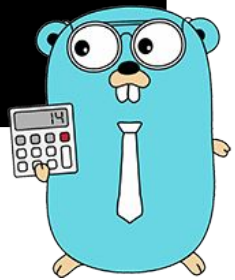
Short Circuits Selection – OR Operator

```
color := "blue"

fmt.Println("blue colors?",
    color == "blue" || color == "
dark blue")
```



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```
n, err := strconv.Atoi("42")

if err == nil {
    fmt.Println("There was no error, n is", n)
}
```

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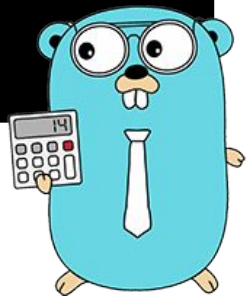
Switch Case

```
switch angka {
    case 1:
        fmt.Println("1")
    case 2:
        fmt.Println("2")
    default:
        fmt.Println("3")
    }
```



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Switch Case

One To One Case

```
switch city {
case "Indonesia":
    fmt.Println("Jakarta")
}
```

Multiple Conditions

```
switch city {
case "Tangerang", "Serang":
   fmt.Println("Jawa")
case "Kalimantan":
   fmt.Println("Kalimantan")
}
```

Default Clause

```
switch city {
case "Tangerang", "Serang":
   fmt.Println("Jawa")
case "Kalimantan":
   fmt.Println("Kalimantan")
default:
   fmt.Println("Tidak dikenal")
}
```

Fallthrough

```
i := 111

switch {
case i > 100:
    fmt.Print(">100")
    fallthrough
case i > 0:
    fmt.Print(">0")
    fallthrough
}
```

Short Switch

```
i := 10

switch i := 10; {
case i > 0:
    fmt.Println("positive")
case i < 0:
    fmt.Println("negative")
}
```