Golang Session

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Topic : If.. Else.. Else If Statements

Golang Conditional Statements

- The if statement - executes some code if one condition is true

- The if...else statement - executes some code if a condition is true and another code if that condition is false

- The if...else if....else statement - executes different codes for more than two conditions

- The switch...case statement - selects one of many blocks of code to be executed

Golang - if Statement

```go
package main

import (
        "fmt"
)

func main() {
        var s = "Japan"
        x := true
        if x {
                fmt.Println(s)
        }
}
```

Golang - if...else Statement

```go
package main

import (
        "fmt"
)

func main() {
        x := 100

        if x == 100 {
                fmt.Println("Japan")
        } else {
                fmt.Println("Canada")
        }
}
```

Golang - if...else if...else Statement

```go
package main

import (
        "fmt"
)

func main() {
        x := 100

        if x == 50 {
                fmt.Println("Germany")
        } else if x == 100 {
                fmt.Println("Japan")
        } else {
                fmt.Println("Canada")
        }
}
```

Golang - if statement initialization

```go
package main

import (
        "fmt"
)

func main() {
        if x := 100; x == 100 {
                fmt.Println("Germany")
        }
}
```