

Golang Session

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Topic : Golang Switch...Case Statements

Golang - switch Statement

```
package main

import (
    "fmt"
    "time"
)

func main() {
    today := time.Now()

    switch today.Day() {
    case 5:
        fmt.Println("Today is 5th. Clean your house.")
    case 10:
        fmt.Println("Today is 10th. Buy some wine.")
    case 15:
        fmt.Println("Today is 15th. Visit a doctor.")
    case 25:
        fmt.Println("Today is 25th. Buy some food.")
    case 31:
        fmt.Println("Party tonight.")
    default:
        fmt.Println("No information available for that day.")
    }
}
```

Golang - switch multiple cases Statement

```
package main

import (
    "fmt"
    "time"
)

func main() {
    today := time.Now()
    var t int = today.Day()

    switch t {
    case 5, 10, 15:
        fmt.Println("Clean your house.")
    case 25, 26, 27:
        fmt.Println("Buy some food.")
    case 31:
        fmt.Println("Party tonight.")
    default:
        fmt.Println("No information available for that day.")
    }
}
```

Golang - switch fallthrough case Statement

```
package main

import (
    "fmt"
    "time"
)

func main() {
    today := time.Now()

    switch today.Day() {
    case 5:
        fmt.Println("Clean your house.")
        fallthrough
    case 10:
        fmt.Println("Buy some wine.")
        fallthrough
    case 15:
        fmt.Println("Visit a doctor.")
        fallthrough
    case 25:
        fmt.Println("Buy some food.")
        fallthrough
    case 31:
        fmt.Println("Party tonight.")
    default:
        fmt.Println("No information available for that day.")
    }
}
```

Golang - switch conditional cases Statement

```
package main

import (
    "fmt"
    "time"
)

func main() {
    today := time.Now()

    switch {
    case today.Day() < 5:
        fmt.Println("Clean your house.")
    case today.Day() <= 10:
        fmt.Println("Buy some wine.")
    case today.Day() > 15:
        fmt.Println("Visit a doctor.")
    case today.Day() == 25:
        fmt.Println("Buy some food.")
    default:
        fmt.Println("No information available for that day.")
    }
}
```

Golang - switch initializer Statement

```
package main

import (
    "fmt"
    "time"
)

func main() {
    switch today := time.Now(); {
    case today.Day() < 5:
        fmt.Println("Clean your house.")
    case today.Day() <= 10:
        fmt.Println("Buy some wine.")
    case today.Day() > 15:
        fmt.Println("Visit a doctor.")
    case today.Day() == 25:
        fmt.Println("Buy some food.")
    default:
        fmt.Println("No information available for that day.")
    }
}
```