

Basic Golang 4



What to Learn Today?



Basic Golang

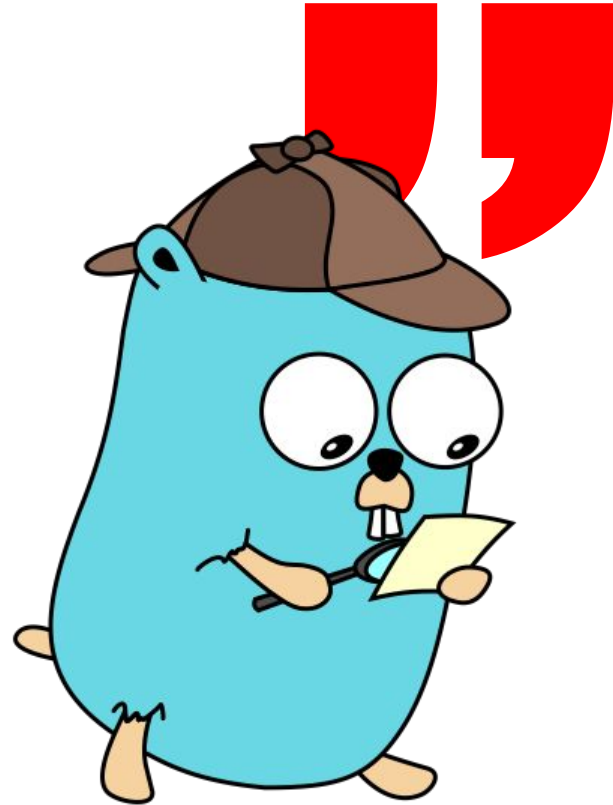
1. Arrays Part 2
2. Array vs Slice
3. Slice

Variadic in Array

What is variadic?

```
blue = [...]int{6, 9, 3}
```

“A variadic function is a function that accepts a variable number of arguments. In Golang, it is possible to pass a varying number of arguments of the same type as referenced in the function signature.”



- References:
<https://www.golangprograms.com/go-language/variadic-functions.html>

Array Assignment



```
blue := [3]int{3, 6, 9}
red := blue
```

Dimensional Array

```
score := [...]float64
{
    {5, 6, 1},
    {9, 8, 4},
}
```



Array



Without Key Elements

```
blue := [3]int{3, 6, 9}
```

With Key Elements

```
rates := [3]float64{  
  1: 1.5,  
  0: 0.5,  
  2: 1.5,  
}
```

Array

```
var books [5]string  
books[0] = "Dilan"  
books[1] = "2012"  
books[2] = "Cinta"
```



Array vs Slice

```
newGames := []string{  
    "pacman",  
    "freefire",  
    "pokemon"  
}
```

Slice

Append?



Array

Static

Slice

Dynamic