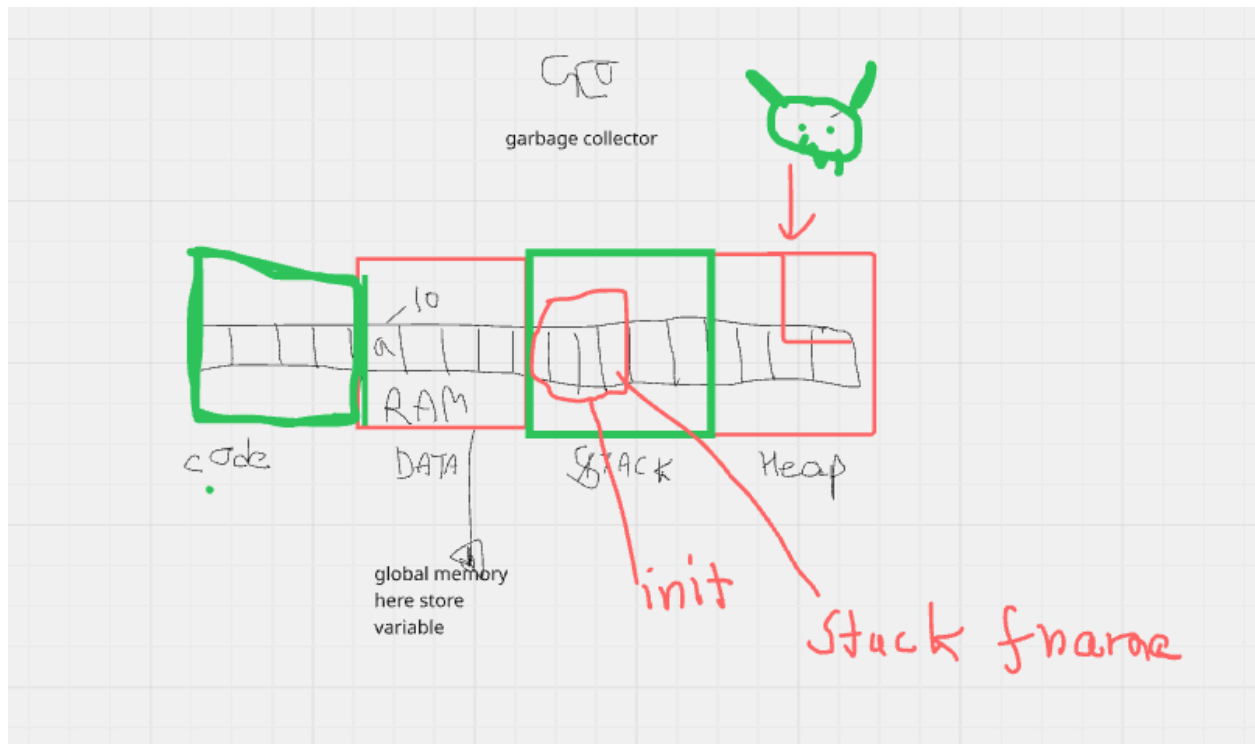# Internal Memory in Go

→ **Code_Segment**

→ **Data_Segment**

→**Stack**

→ **Heap**


```go
package main

import "fmt"
```

```go
var a = 10

func add(x, y int) {
    z := x + y
    fmt.Println("Sum is:", z)
}

func main() {
    fmt.Println("Hello, internal memory")
    add(5, 20)
    add(a, 15)
}

func init() {
    fmt.Println("Init function called")
}
```