Exercise 1-3

Variable scope

Write a program, which

1. Declares a global integer variable name `i` with value 100
2. Declares a variable named `i` in main with value 200
3. Print the different values and the scope

Step 1: main.go

```go
package main
import "fmt"
func main() {

}
```

Step 2: main.go

```go
package main

import "fmt"

var i = 100

func main() {
    fmt.Println("Scope global:", i)
}
```

Step 3: main.go

```go
package main

import "fmt"

var i = 100

func main() {
    fmt.Println("Scope global:", i)
    i := 200
    fmt.Println("Scope main:", i)
}
```

Step 4: output

```
Scope global: 100
Scope main: 200
```

1. Create a programm skeleton

2. Declare a global variable, assign 100, print

3. Declare a local variable and print

4. go run main.go