

# Annotated Example Go Program

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```
// package main is a special package
// it allows Go to create an executable file
package main

/*
This is a multi-line comment.

import keyword makes another package available
for this .go "file".

import "fmt" lets you access fmt package's functionality
here in this file.
*/
import "fmt"

// "func main" is special.
//
// Go has to know where to start
//
// func main creates a starting point for Go
//
// After compiling the code,
// Go runtime will first run this function
func main() {
    // after: import "fmt"
    // Println function of "fmt" package becomes available

    // Look at what it looks like by typing in the console:
    // go doc -src fmt Println

    // Println is just an exported function from
    // "fmt" package

    // Exported = First Letter is uppercase
    fmt.Println("Hello Gopher!")

    // Go cannot call Println function by itself.
    // That's why you need to call it here.
    // It only calls `func main` automatically.

    // -----

    // Go supports Unicode characters in string literals
    // And also in source-code: KÖSTEBEK!
    //
    // Because: Literal ~= Source Code
}
```

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