

```
1  /* Nama      : Imam Rafiif Arrazaan
2     NIM       : 1301194152
3     program meminta input bilangan real. program akan melakukan algoritme untuk menemukan nilai masing-masing fungsi
4     dan program akan menampilkan hasil masing-masing fungsi:
5  */
6
7  package main
8
9  import "fmt"
10
11 func fungsiF(x float64) float64 {
12     f := x * x
13     return f
14 }
15
16 func fungsiG(x float64) float64 {
17     g := x - 2
18     return g
19 }
20
21 func fungsiH(x float64) float64 {
22     h := x + 1
23     return h
24 }
25
26 func fungsiFoGoH(x float64) float64 {
27     fogoh := fungsiF(fungsiG(fungsiH(x)))
28     return fogoh
29 }
30
31 func main() {
32     var x float64
33
34     fmt.Print("Masukan nilai x: ")
35     fmt.Scanln(&x)
36
37     fmt.Printf("f(%.2f) = %.2f\n", x, fungsiF(x))
38     fmt.Printf("g(%.2f) = %.2f\n", x, fungsiG(x))
39     fmt.Printf("h(%.2f) = %.2f\n", x, fungsiH(x))
40     fmt.Printf("(fogoh)(%.2f) = %.2f\n", x, fungsiFoGoH(x))
41
42     fmt.Println(" ")
43     fmt.Println("Nama: Imam Rafiif Arrazaan")
44     fmt.Println("NIM: 1301194152")
45 }
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18362.418]
(c) 2019 Microsoft Corporation. All rights reserved.

E:\Kuliah\DAp>go run fungsi.go
Masukan nilai x: 7.5
f(7.50) = 56.25
g(7.50) = 5.50
h(7.50) = 8.50
(fogoh)(7.50) = 42.25

E:\Kuliah\DAp>_
```