

D:\tp05.go - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

tp05.go x tp05modifi.go x

```
1 /* NIM : 1301194086
2 Nama : Mikogizka Satria Kartika
3 Hasil PI repeater
4 */
5 package main
6 import "fmt"
7 func main () {
8     var pi,pmb, pny, pch float32
9     var n, i int
10
11
12     i = 0
13     pi = 0
14     pmb = 1
15     pny = 1
16     fmt.Print("N suku pertama: ")
17     fmt.Scanln(&n)
18
19     for i != n {
20         i = i+1
21         if i == 1 {
22             pi = pi + 1
23         } else if i%2 == 0 {
24             pi = pi - pch
25         } else {
26             pi = pi + pch
27         }
28
29         pny = pny + 2
30         pch = pmb/pny
31     }
32
33     pi = pi*4
34     fmt.Println("Hasil PI: ", pi)
35
36     fmt.Println("-----")
37     fmt.Println("Nama: Mikogizka Satria Kartika")
38     fmt.Println("NIM: 1301194086")
39 }
```

C:\Windows\System32\cmd.exe

```
D:\>go run tp05.go
N suku pertama: 1000000
Hasil PI: 3.1415954
-----
Nama: Mikogizka Satria Kartika
NIM: 1301194086
D:\>
```

Normal text file length: 660 lines: 39 Ln: 4 Col: 3 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

D:\tp05modif.go - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

tp05modif.go

```
2 Nama : Mikogizka Satria Kartika
3 Leibniz MOD
4 */
5 package main
6 import "fmt"
7
8 func main () {
9     var pi, a, b, c, d float32
10    var i int
11    i = 0
12    pi = 0
13    a = 1
14    b = 1
15    c = 0
16    d = 0
17    for a == 1 {
18        i = i+1
19        d = pi
20        if i == 1 {
21            pi = pi + a
22        } else if i%2 == 0 {
23            pi = pi - c
24        } else {
25            pi = pi + c
26        }
27
28        b = b + 2
29        c = 1/b
30
31        if (pi*4) - 0.00001 == (d*4) {
32            a = 0
33        } else {
34            a = 1
35        }
36    }
37
38    d = d*4
39    pi = pi*4
40    fmt.Println("Hasil pi:", d)
41    fmt.Println("Hasil pi:", pi)
42    fmt.Println("Pada i ke:", i)
43
44
45 }
```

C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.17763.737]
(c) 2018 Microsoft Corporation. All rights reserved.

D:\>go run tp05modif.go

Hasil pi: 3.1415913
Hasil pi: 3.1416013
Pada i ke: 197381

D:\>

Normal text file length: 585 lines: 45 Ln: 40 Col: 32 Set: 0 | 0 Windows (CR LF) UTF-8 INS