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C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.17134.1006]
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D:\Data Tugas Program\Tugas 22-09-2019\Awal>go build Awal.go

D:\Data Tugas Program\Tugas 22-09-2019\Awal>Awal.exe

=====FAHMI ABDILLAH AL AMIEN=====
=====1302194037=====

N Suku Pertama :
1000000
Hasil PI : 3.1415917
D:\Data Tugas Program\Tugas 22-09-2019\Awal>
```

```
File Edit Selection View Go Debug Terminal Help • Awal.go - Visual Studio Code
D:\Data Tugas Program\Tugas 22-09-2019\Awal\Awal.go
1  /*Nama : Fahmi Abdillah Al Amien
2  Kelas: SE-43-03
3  NIM : 1302194037
4  */
5  package main
6  import "fmt"
7  func main() {
8      var (
9          jumlah, total, rumus float64
10         penyebut, a      int
11     )
12
13     fmt.Println(" ")
14     fmt.Println("=====FAHMI ABDILLAH AL AMIEN=====")
15     fmt.Println("=====1302194037=====")
16     fmt.Println(" ")
17     fmt.Println("N Suku Pertama : ")
18     fmt.Scan(&a)
19
20     penyebut = -1
21     rumus = -1
22     jumlah = 0
23     total = 0
24
25     for i := 1; i <= a; i++ {
26         penyebut = penyebut + 2
27         rumus = rumus * (-1)
28         jumlah = rumus / float64(penyebut)
29         total = total + jumlah
30     }
31     fmt.Printf("Hasil PI : %.7f", total*4)
32 }
33
```

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D:\Data Tugas Program\Tugas 22-09-2019>go build Harmonic.go

D:\Data Tugas Program\Tugas 22-09-2019>Harmonic.exe

=====FAHMI ABDILLAH AL AMIEN=====
=====1302194037=====

Masukan Nilai N : 1000000
Hasil PI : 3.1415806535898936
Hasil PI : 3.1415906535898936
Pada x4 ke : 2.000002

D:\Data Tugas Program\Tugas 22-09-2019>
```

```
Harmonic.go - Visual Studio Code
File Edit Selection View Go Debug Terminal Help

D:\Data Tugas Program\Tugas 22-09-2019> Harmonic.go
1 /*Nama : Fahmi Abdillah Al Amien
2 Kelas: SE-43-03
3 NIM : 1302194037
4 */
5 package main
6 import "fmt"
7 func main() {
8     var (
9         a, x1, x2, x3, x4 float64
10     )
11     fmt.Println(" ")
12     fmt.Println("=====FAHMI ABDILLAH AL AMIEN=====")
13     fmt.Println("=====1302194037=====")
14     fmt.Println(" ")
15     fmt.Print("Masukan Nilai N : ")
16     fmt.Scanln(&a)
17
18     for x4 = 1; x4 < a; x4 += 4 {
19         x1 += 8 / (x4 * (x4 + 2))
20     }
21     for x3 = 1; x3 < a; x3 += 4 {
22         x2 += 8 / (x3 * (x3 + 2))
23     }
24
25     fmt.Println("Hasil PI : ", x1 - 0.00001)
26     fmt.Println("Hasil PI : ", x2)
27     fmt.Println("Pada x4 ke : ", (x3+x4)/a)
28 }
```