**LAPORAN PRAKTIKUM ALGORITMA**

**DAN PEMROGRAMAN 1**

**MODUL 05 - 06**

**FOR - LOOP**

**Sebuah gambar berisi logo, teks, simbol, Grafis

Konten yang dihasilkan AI mungkin salah.**

**Disusun oleh:**

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**PROGRAM STUDI S1 INFORMATIKA**

**FAKULTAS INFORMATIKA**

**TELKOM UNIVERSITY PURWOKERTO**

**2025**

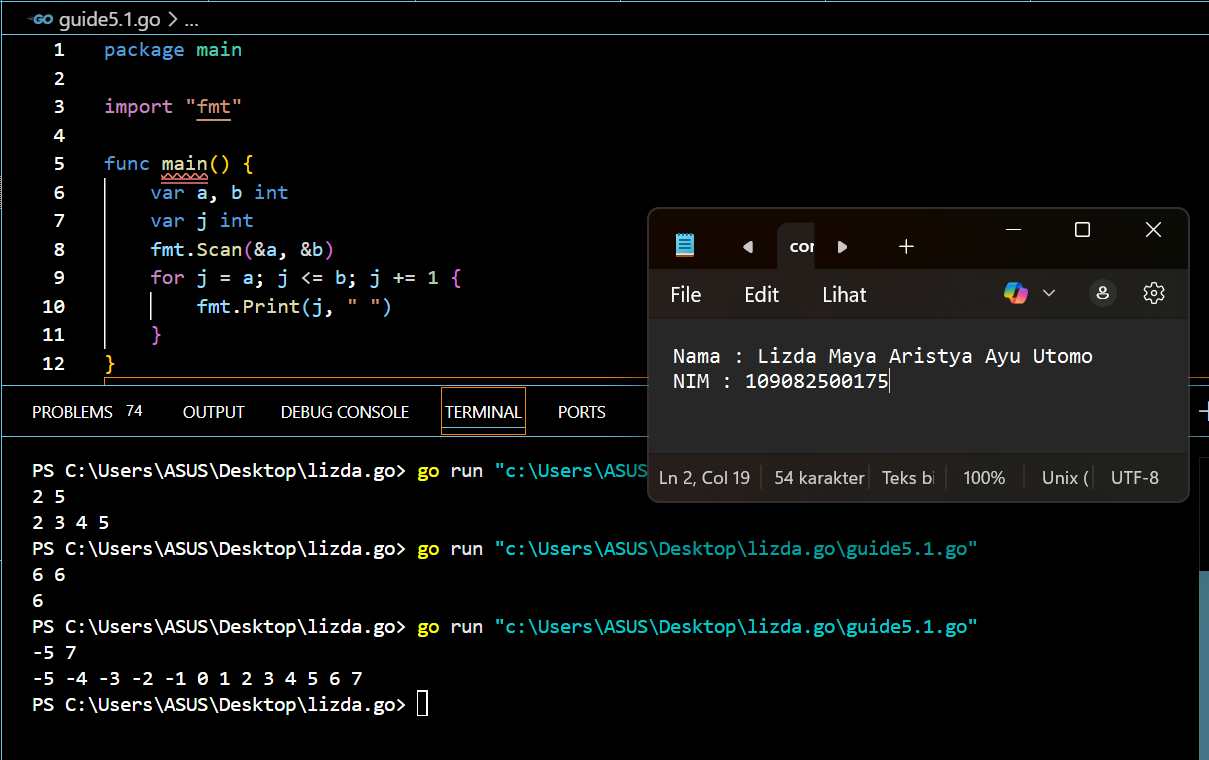
**LATIHAN KELAS – GUIDED**

1. **Guided 1**

**Source Code**

|  |
| --- |
| package main  import "fmt"  func main() {      var a, b int      var j int      fmt.Scan(&a, &b)      for j = a; j <= b; j += 1 {          fmt.Print(j, " ")      }  } |

**Screenshoot program**

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**Deskripsi program**

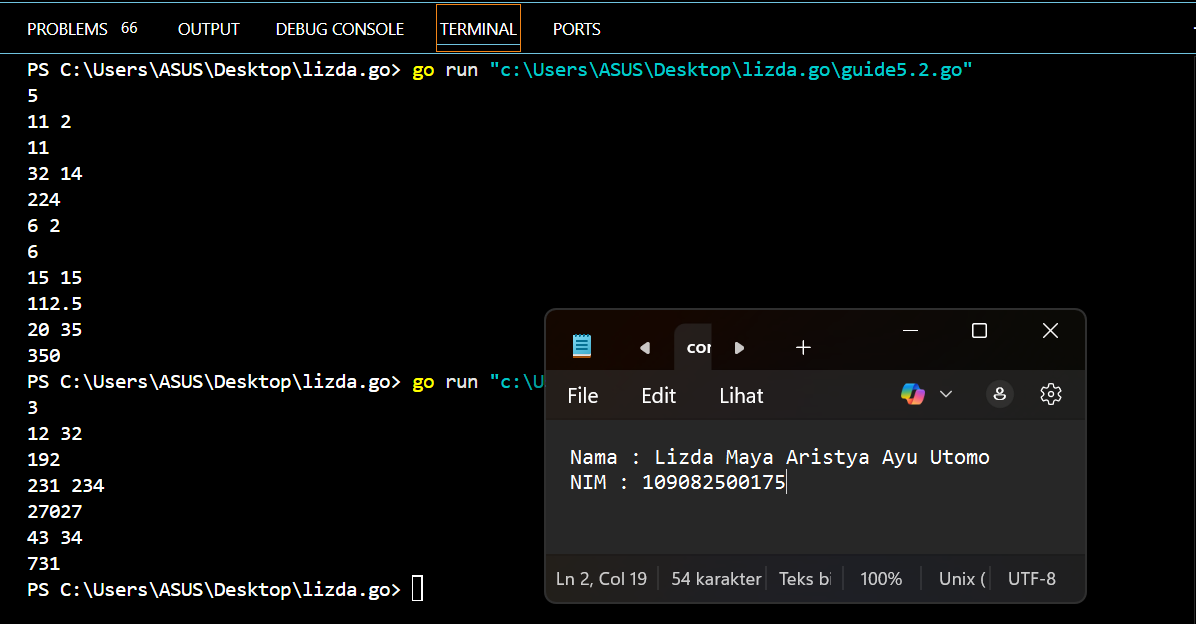
Jelaskan kode yang ada di source code, semakin detal semakin baik nilainya

1. **Guided 2**

**Source Code**

|  |
| --- |
| package main  import "fmt"  func main() {      var a, b int      var j int      fmt.Scan(&a, &b)      for j = a; j <= b; j += 1 {          fmt.Print(j, " ")      }  } |

**Screenshoot program**

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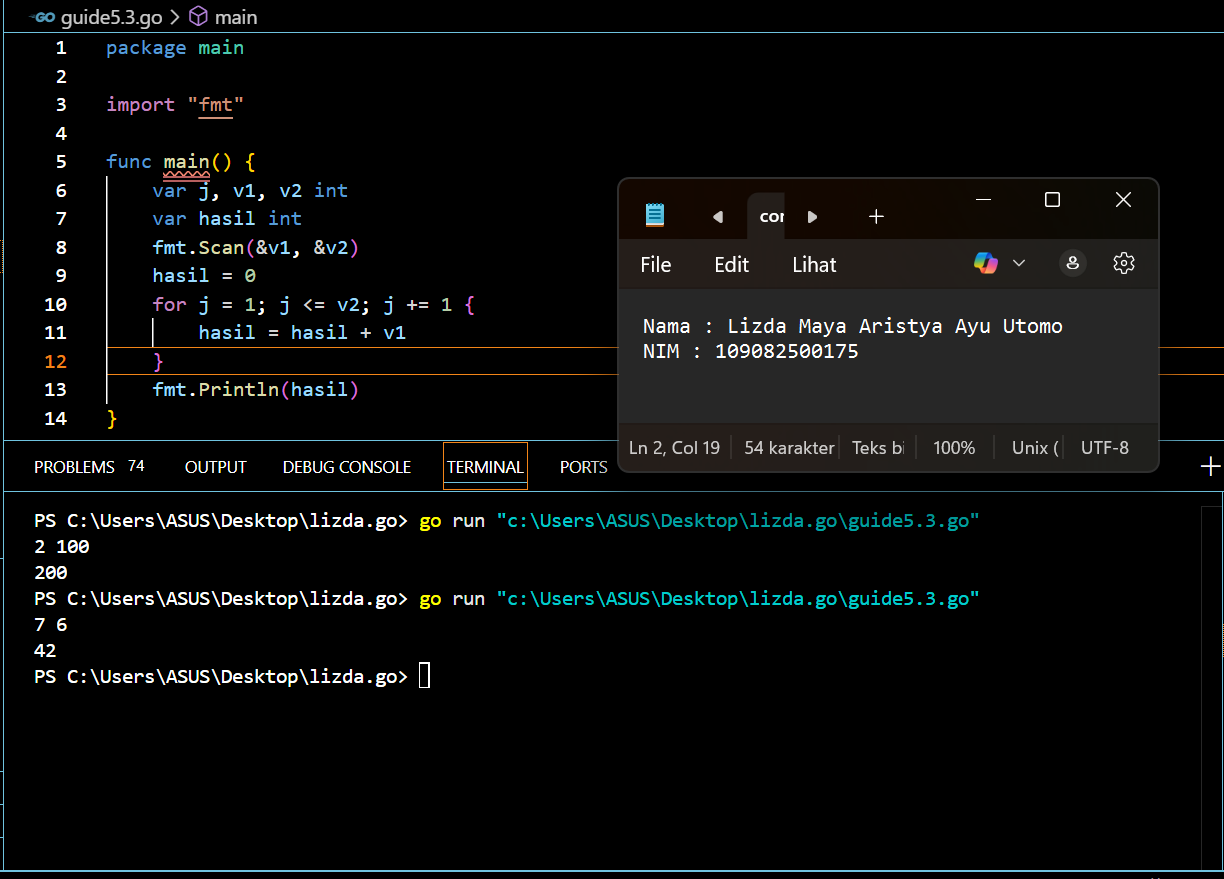
**Deskripsi program**

1. **Guided 3**

**Source Code**

|  |
| --- |
| package main  import "fmt"  func main() {      var j, v1, v2 int      var hasil int      fmt.Scan(&v1, &v2)      hasil = 0      for j = 1; j <= v2; j += 1 {          hasil = hasil + v1      }      fmt.Println(hasil)  } |

**Screenshoot program**

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**Deskripsi program**

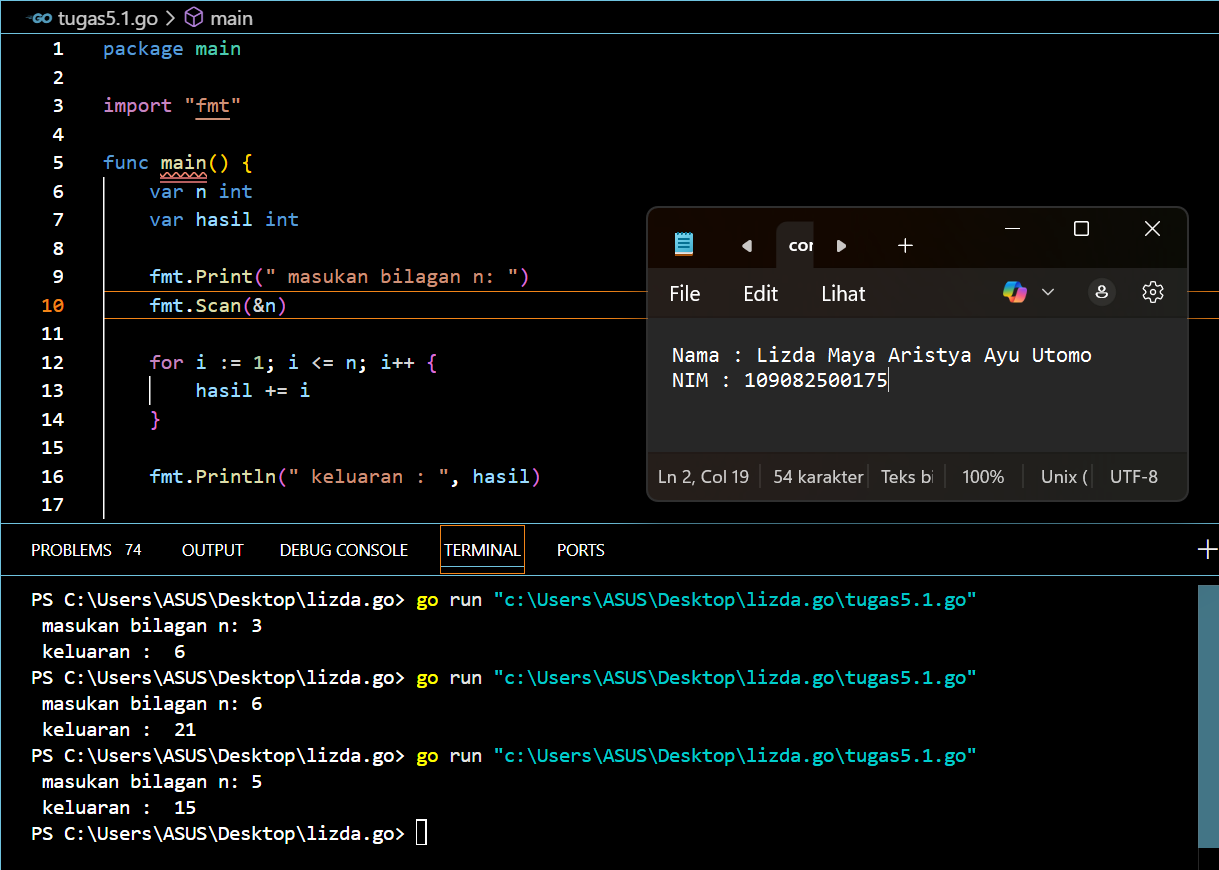
**TUGAS**

1. **Tugas 1**

**Source code**

|  |
| --- |
| package main  import "fmt"  func main() {      var n int      var hasil int      fmt.Print(" masukan bilagan n: ")      fmt.Scan(&n)      for i := 1; i <= n; i++ {          hasil += i      }      fmt.Println(" keluaran : ", hasil)  } |

**Screenshoot program**

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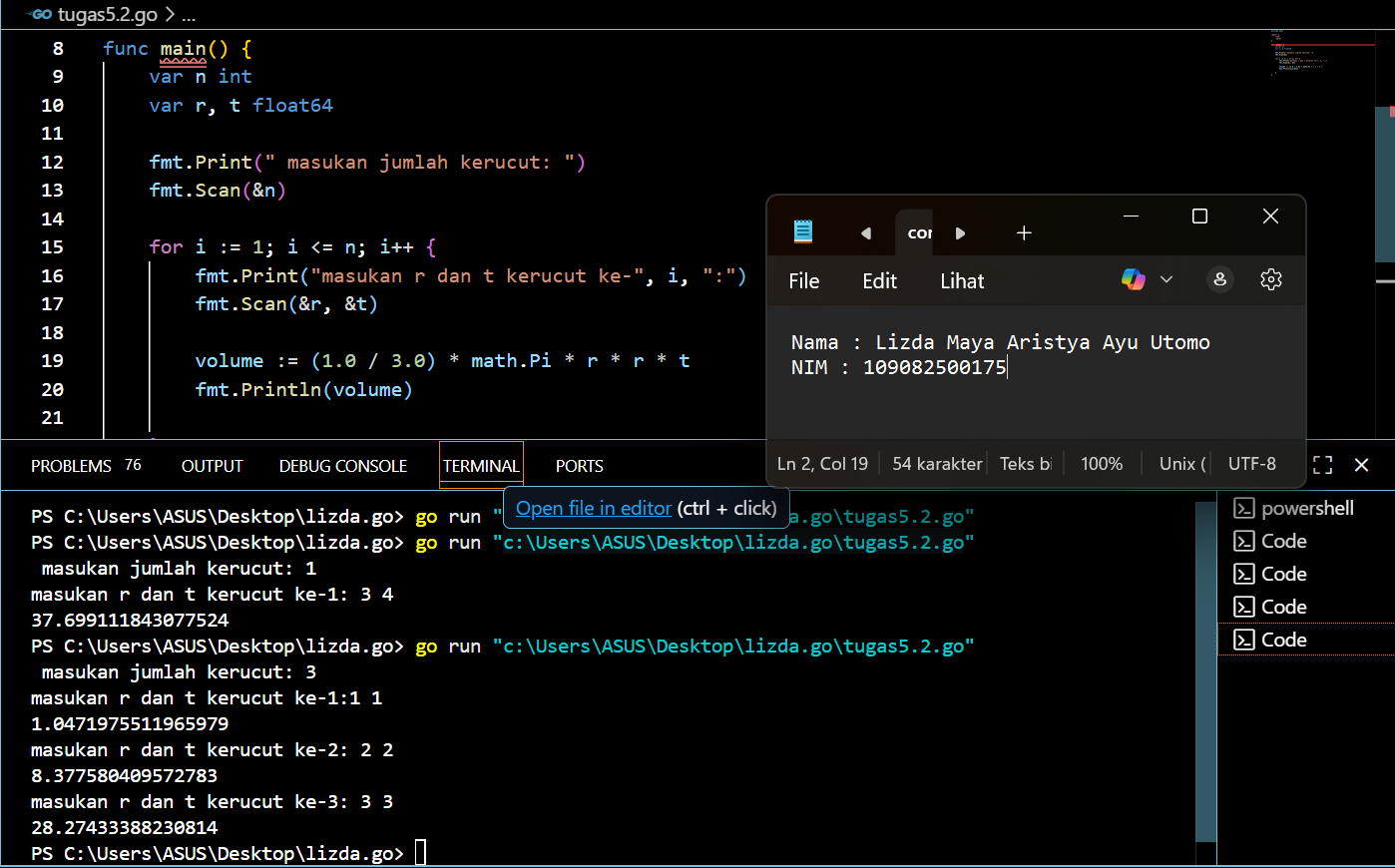
**Deskripsi program**

1. **Tugas 2**

**Source code**

|  |
| --- |
| package main  import (      "fmt"      "math"  )  func main() {      var n int      var r, t float64      fmt.Print(" masukan jumlah kerucut: ")      fmt.Scan(&n)      for i := 1; i <= n; i++ {          fmt.Print("masukan r dan t kerucut ke-", i, ":")          fmt.Scan(&r, &t)          volume := (1.0 / 3.0) \* math.Pi \* r \* r \* t          fmt.Println(volume)      }  } |

**Screenshoot program**

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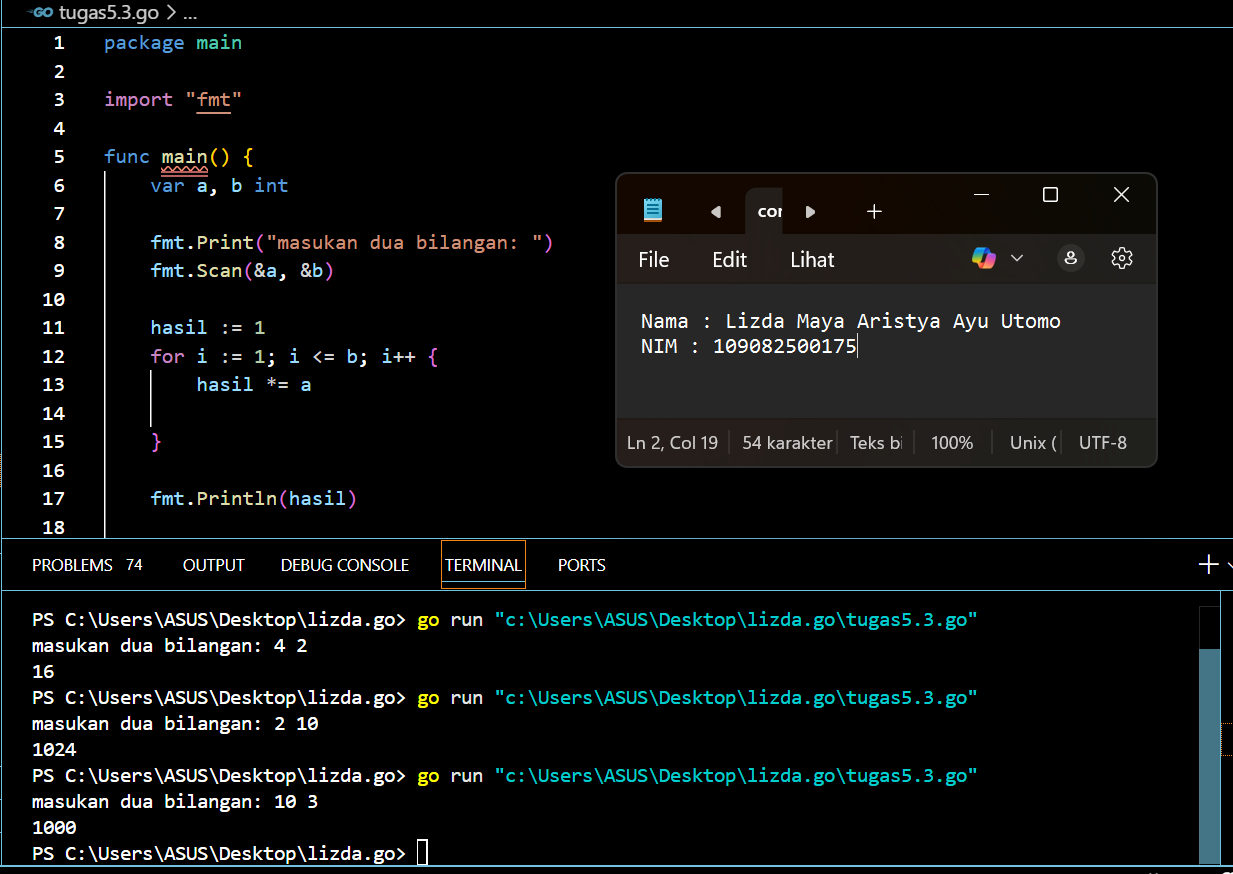
**Deskripsi program**

1. **Tugas 3**

**Source code**

|  |
| --- |
| package main  import "fmt"  func main() {      var a, b int      fmt.Print("masukan dua bilangan: ")      fmt.Scan(&a, &b)      hasil := 1      for i := 1; i <= b; i++ {          hasil \*= a      }      fmt.Println(hasil)  } |

**Screenshoot program**

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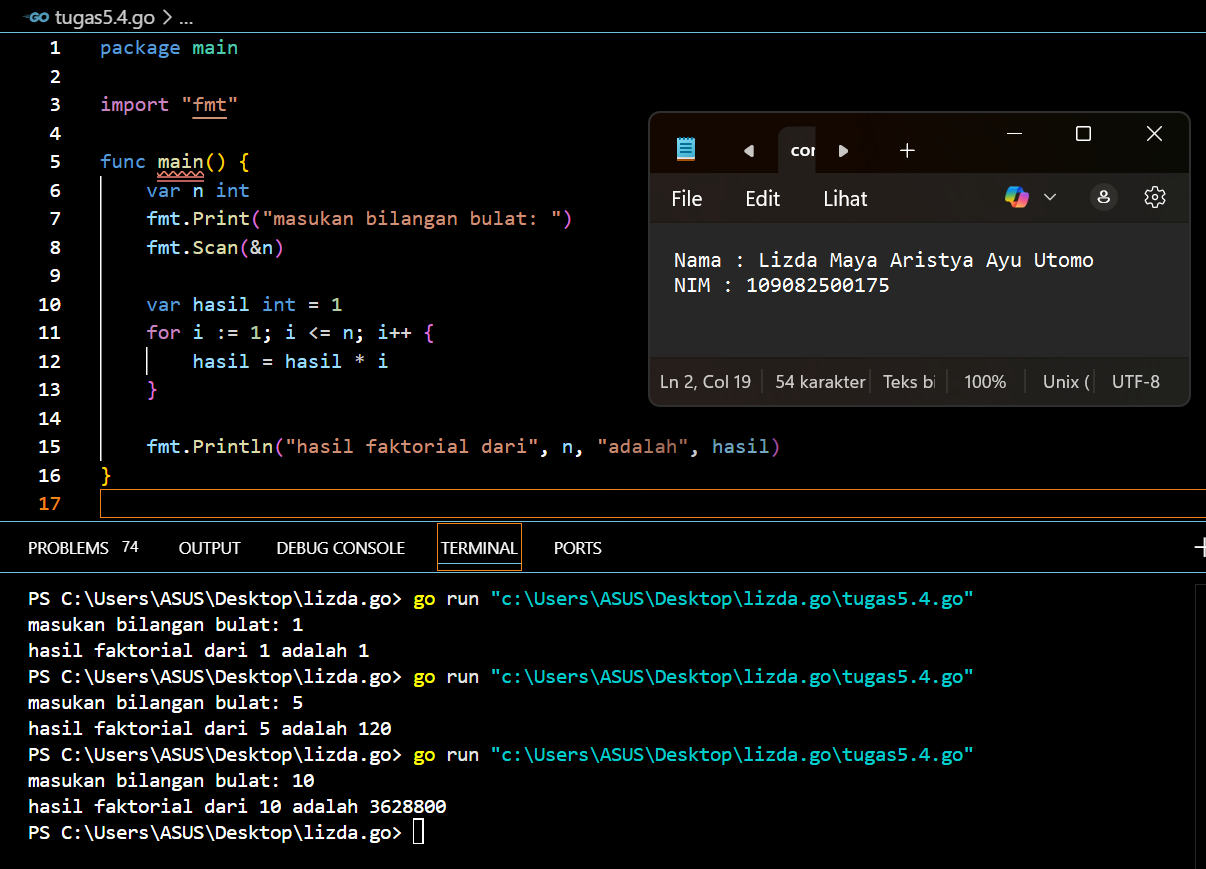
**Deskripsi program**

1. **Tugas 4**

**Source code**

|  |
| --- |
| package main  import "fmt"  func main() {  var n int  fmt.Print("masukan bilangan bulat: ")  fmt.Scan(&n)  var hasil int = 1  for i := 1; i <= n; i++ {  hasil = hasil \* i  }  fmt.Println("hasil faktorial dari", n, "adalah", hasil)  } |

**Screenshoot program**

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**Deskripsi program**