

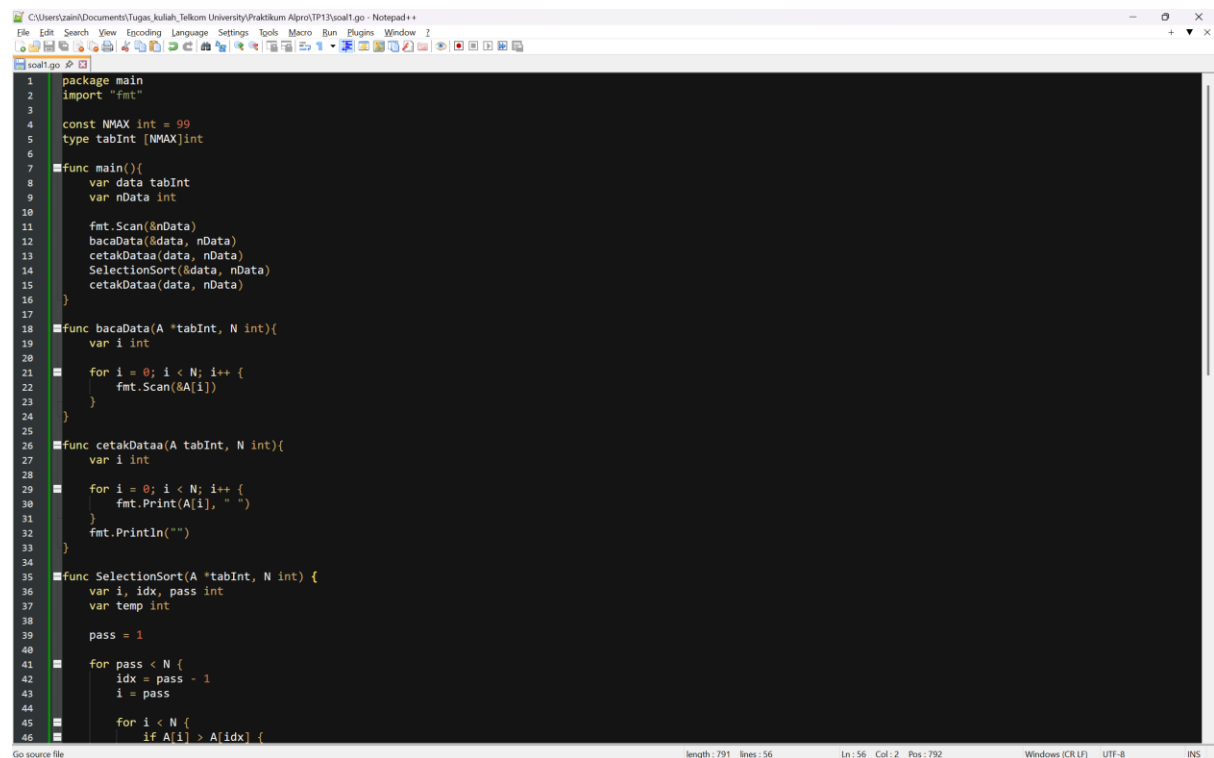
TP13

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Kelas : DS-48-02

1. Tranlasi



```
1 package main
2 import "fmt"
3
4 const NMAX int = 99
5 type tabInt [NMAX]int
6
7 func main(){
8     var data tabInt
9     var nData int
10
11     fmt.Scan(&nData)
12     bacaData(&data, nData)
13     cetakDataaa(data, nData)
14     SelectionSort(&data, nData)
15     cetakDataaa(data, nData)
16 }
17
18 func bacaData(A *tabInt, N int){
19     var i int
20
21     for i = 0; i < N; i++ {
22         fmt.Scan(&A[i])
23     }
24 }
25
26 func cetakDataaa(A tabInt, N int){
27     var i int
28
29     for i = 0; i < N; i++ {
30         fmt.Print(A[i], " ")
31     }
32     fmt.Println("")
33 }
34
35 func SelectionSort(A *tabInt, N int) {
36     var i, idx, pass int
37     var temp int
38
39     pass = 1
40
41     for pass < N {
42         idx = pass - 1
43         i = pass
44
45         for i < N {
46             if A[i] > A[idx] {
```

Go source file length: 791 lines: 56 Ln: 56 Col: 2 Pos: 792 Windows (CR LF) UTF-8 INS

```
C:\Users\zain\Documents\Tugas_kuliah_Telkom_University\Praktikum Alpro\TP13\soal1.go - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window Help
soal1.go
13  cetakDataa(data, nData)
14  SelectionSort(&data, nData)
15  cetakDataa(data, nData)
16  }
17  }
18  func bacaData(A *tabInt, N int){
19      var i int
20      for i = 0; i < N; i++ {
21          fmt.Scan(&A[i])
22      }
23  }
24  }
25  func cetakDataa(A tabInt, N int){
26      var i int
27      for i = 0; i < N; i++ {
28          fmt.Print(A[i], " ")
29      }
30      fmt.Println("")
31  }
32  }
33  }
34  }
35  func SelectionSort(A *tabInt, N int) {
36      var i, idx, pass int
37      var temp int
38      pass = 1
39      for pass < N {
40          idx = pass - 1
41          i = pass
42          for i < N {
43              if A[i] > A[idx] {
44                  idx = i
45              }
46              i = i + 1
47          }
48          temp = A[pass - 1]
49          A[pass - 1] = A[idx]
50          A[idx] = temp
51          pass = pass + 1
52      }
53  }
54  }
55  }
56  }
```

Go source file length: 791 lines: 56 Ln: 56 Col: 2 Pos: 792 Windows (CR LF) UTF-8 INS

```
C:\Windows\System32\cmd.e  ×  +  ∨  
Microsoft Windows [Version 10.0.26100.4061]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\zaini\Documents\Tugas_kuliah_Telkom University\Praktikum Alpro\TP13>go run soa  
l1.go  
5  
4 0 2 5 7  
4 0 2 5 7  
7 5 4 2 0  
  
C:\Users\zaini\Documents\Tugas_kuliah_Telkom University\Praktikum Alpro\TP13>go run soa  
l1.go  
5  
1 1 1 2 1  
1 1 1 2 1  
2 1 1 1 1  
  
C:\Users\zaini\Documents\Tugas_kuliah_Telkom University\Praktikum Alpro\TP13>go run soa  
l1.go  
10  
1 2 3 4 5 6 7 8 9 10  
1 2 3 4 5 6 7 8 9 10  
10 9 8 7 6 5 4 3 2 1  
  
C:\Users\zaini\Documents\Tugas_kuliah_Telkom University\Praktikum Alpro\TP13>
```