

Deore Mufrad Hendrady

1301223029

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1301223029

No  
Date

```
package main
import (
    "fmt"
    "math")
```

```
type point struct {
    x, y float64
}
```

```
func jarak_1301223029(p1, p2, point) float64 {
    return math.Sqrt((p1.x - p2.x) * (p1.x - p2.x) +
        ((p1.y - p2.y) * (p1.y - p2.y)))
}
```

```
func main() {
    var (
        a, b point
        c, d point)
    fmt.Scan(&a.x, &a.y, &b.x, &b.y, &c.x, &c.y,
        &d.x, &d.y)
    if jarak_1301223029(a, b) > jarak_1301223029(c, d) {
        fmt.Printf("Titik terdekat adalah titik c", c, "
            dengan d", d, "dengan jarak ", jarak_1301223029(c, d))
    } else {
        fmt.Printf("Titik terdekat adalah titik a", a, "dengan
            b", b, "dengan jarak ", jarak_1301223029(a, b))
    }
}
```

Deore Myra Hendrady

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```
package main
```

```
import "fmt"
```

```
func main() {
```

```
    var (
```

```
        arrKartu []int
```

```
        kartu    int
```

```
        hitung-mundur int
```

```
)
```

```
    fmt.Scan(&kartu)
```

```
    for kartu != 0 && len(arrKartu) < 52 {
```

```
        arrKartu = append(arrKartu, kartu)
```

```
        fmt.Scan(&kartu)
```

```
    }
```

```
    hitung-mundur = len(arrKartu) - 1
```

```
    for hitung-mundur >= 0 {
```

```
        fmt.Print(arrKartu [hitung-mundur], " ")
```

```
        hitung-mundur--
```

```
    }
```

```
}
```

Deure Mufrad Hendrudy 1301223029

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```
package main
import "fmt"
type AsDos_T struct {
    kode, nama, mk string
    nim, jumlah int
}
```

```
type TabAsDos_T [2500] AsDos_T
func BacaAsDos_1301223029 (tabel *TabAsDos_T, n *int) {
    var (
```

```
        kode_sementara string)
    *n = 0
```

```
    fmt.Print("Masukkan kode, nama, nim, mk, jumlah : \n")
```

```
    fmt.Scan(&kode_sementara)
```

```
    for kode_sementara != "xxx" && *n < 2500 {
```

```
        tabel[*n].kode = kode_sementara
```

```
        fmt.Scan(&tabel[*n].nama, &tabel[*n].nim, &tabel[*n].mk, &tabel[*n].jumlah)
```

```
        *n++
```

```
        fmt.Scan(&kode_sementara)
```

```
    }
```

```
}
```

```
func CetakAsDos_1301223029 (tabel TabAsDos_T, n int,
    mk string) {
```

```
    for i := 0; i < n; i++ {
```

```
        if tabel[i].mk == mk {
```

```
            fmt.Print("Nama : ", tabel[i].nama, "Kode : ",
                tabel[i].kode, "Nim : ", tabel[i].nim, "Jumlah : ")
```

```
        }
```

```
    }
```

```
}
```

```
func main() {
    var (
```

```
        data TabAsDos_T
```

Deore Mufrid Hendriy 1301223029

No  
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n int

matkul string

Baru As Dos - 1301223029 (&data, &n)

fmt. Print ("Masukkan matakuliah yang ingin dicari :")

fmt. Scan (&matkul)

fmt. Print ("Berikut asisten dosen yang mengajar matakuliah ", matkul, " : ")

Cetak As Dos - 1301223029 (data, n, matkul)

}