

Devre Muhrad Hendradhy 1301223029

No
Date

```
package main
import "fmt"
const nmax int = 2023
type pokemon struct {
    nama          string
    cp, hp, ivAtk, ivDef, ivHlp int
}
type arrpokemon [nmax] pokemon
func inputPokemon_1301223029 (t*arrpokemon, n*int) {
    var isi pokemon
    fmt.Scanln (&isi.nama, &isi.cp, &isi.hp, &isi.ivAtk,
    &isi.ivDef, &isi.ivHlp)
    t[*n] = isi
    *n++
}
func mengurutkanPokemon_1301223029 (t*arrpokemon, n*int, flag string) {
    var i int
    var merah pokemon
    if flag == "CP" {
        for pass := 1; pass < *n; pass++ {
            i = pass
            merah = t[i]
            for i > 0 && merah.cp > t[i-1].cp {
                t[i] = t[i-1]
                i--
            }
            t[i] = merah
        }
    } else if flag == "HP" {
        for pass := 1; pass < *n; pass++ {
            i = pass
            merah = t[i]
            for i > 0 && merah.hp > t[i-1].hp {
                t[i] = t[i-1]
                i--
            }
            t[i] = merah
        }
    }
}
```

Doore Mufrad Hendray 1301223029

No
Date

```
{ else if flag == "iv_Atk" {  
    for pass := 1 ; pass < *n ; pass++ {  
        i = pass  
        merah = t[i]  
        for i > 0 && merah.ivAtk > t[i-1].ivAtk {  
            t[i] = t[i-1]  
            i--  
        }  
        t[i] = merah  
    }  
}  
{ else if flag == "iv_Def" {  
    for pass := 1 ; pass < *n ; pass++ {  
        i = pass  
        merah = t[i]  
        for i > 0 && merah.ivDef > t[i-1].ivDef {  
            t[i] = t[i-1]  
            i--  
        }  
        t[i] = merah  
    }  
}  
{ else {  
    for pass := 1 ; pass < *n ; pass++ {  
        i = pass  
        merah = t[i]  
        for i > 0 && merah.ivHp > t[i-1].ivHp {  
            t[i] = t[i-1]  
            i--  
        }  
        t[i] = merah  
    }  
}  
}
```

```
{  
func totalIV - 1301223029 (t arrPokemon, n int, namaX string)  
float64 {  
    var total float64 = -9999  
    var j int  
    for i := 0 ; i < n ; i++ {  
        if namaX == t[i].nama {  
            j = i  
        }  
    }  
}
```

Deora Myraa Hendry 1301223029

No
Date

total = ((float 64(tCj2.ivAtk) + float 64(tCj2.ivDef) + float 64(tCj2.ivHP) * 100.0) / 45.0)

3 ; return total

func main () {

var nama, flag string

var t am pokemon

var n, jml int

fmt.Scanln (&jml)

for i := 1 ; i <= jml ; i++ {

inputPokemon - 1301223029 (&t, &n)

3 ; fmt.Scanln (&nama, &flag)

printPokemon - 1301223029 (t, n)

mengurutkanPokemon - 1301223029 (&t, &n, flag)

printPokemon - 1301223029 (t, n)

fmt.Printf "Total IV %s adalah %f", nama, totalIV - 1301223029 (t, n, nama))