

LE SLICE "DIETRO LE QUINTE"

```

var x [] int
x = make([]int, 4)
x = append(x, 5)
x = append(x, 19)
x = append(x, 7, 4, 12)
x = append(x, 13)

```

len	cap	data
11	50	9

array
sovraccarico

```

x = append(x, 100)

```

		0	0	0	0	5	19	7	4	12	13		
		0	1	2	3	4	5	6	7	8	9		

0	0	0	0	5	19	7	4	12	13	100			
0	1	2	3	4	5	6	7	8	9	10			

EFFETTI SULL'ASSEGNAMENTO

```

var x, y [] int
x = make([]int, 3, 5)

```

```

y = x

```

```

x[1] = 7

```

```

x = append(x, 10)

```

```

y = append(y, 50)

```

```

x = append(x, -1)

```

```

x = append(x, 2)

```

len	cap	data
6	10	9

len	cap	data
4	5	9

0	7	0	50	-1
0	1	2	3	4

0	7	0	5	-1	2	0	0	0	0
0	1	2	3	4	5	6	7	8	9

EFFETTI SUL
SLICE COME

PASSAGGIO DI
PARAMETRI

```
func stampaA(x [10] int) {
    for _, v := range x {
        fmt.Println(v)
    }
}
```

```
func main() {
    var a [10] int
    stampaA(a)
    var b [11] int
    stampaA(b) // NO
}
```

```
func stampaS(x []int) {
    for _, v := range x {
        fmt.Println(v)
    }
}
```

```
func main() {
    var s []int
    s = []int{7, 8, 9}
    stampaS(s)
}
```

```

func memoUna (x []int) {
    for i=0; i < len(x); i++ {
        x[i] = -1
    }
}

func main() {
    a := []int {3, 7, 14}
    memoUna(a)
    fmt.Println(a)
}

```

x

len	cap	data
3	3	

a

len	cap	data
3	3	

-1	-1	-1
0	1	3

SUBSLICING

x[i:j]

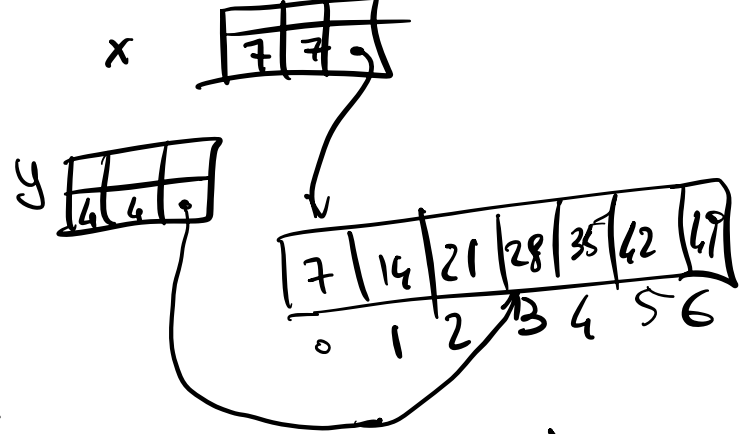
SLICE • ARRAY

crea una
slice alias di
x dall'indice
i incluso
all'indice j
escluso

```

var x, y []int
x = []int {7, 14, 21, 28, 35, 42, 49}
y = x[3:]

```



var `a [10] int`
`a = [10] int {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}`

var `x [] int`
`x = a[:]`

