

VAR (ID), (ID), ... (TIPO)

(VAR) = (ESPR)

SHORT-ASSIGNMENT

TYPE  
INFERENCE

(VAR) ← := (ESPR)

OUTPUT

fmt.Println  
fmt.Print

fmt.Println("Ciao, ho", x, "anni")

fmt.Println(x, y, z)

fmt.Println((x+1)\*2, y, "x")

---

fmt.Print("Ciao, ho")

fmt.Print(x)

fmt.Println("anni")

fmt.Print(x, "ciao", "anni", y)

INPUT    var    n    int

fmt. Scan (&n)

var g, m, ris int  
fut. Print("che giorno è? ")

Aut. Scan (&g)

fut. Print("Di che mese? ")

fut. Scan (&mese)

ris = 30 - g + 25 + (12 - m - 1) \* 30

fut. Println("Mancano", ris, "giorni al 1/10/15")

# float64

```
var imp, aliq float64
func Print ("Impossibile: ")
func Scan (&imp)
func Print ("Aliquota (VA: ")
func Scan (&aliq)
prezzo := (100.0 + aliq) * imp / 100.0
func Printf ("Il prezzo è ", prezzo)
```

+   -   \*   /

↙  
overload

var h1, h2, h3 int

var x float64

func Sum (&h1, &h2, &h3)

~~x = (h1 + h2 + h3) / 3~~

~~x = float64((h1 + h2 + h3) / 3)~~

x = float64(h1 + h2 + h3) / 3.0

var ex1, ex2, ex3, media110a int

var media30, media110 float64

func Sum (&ex1, &ex2, &ex3)  
media30 = float64(ex1+ex2+ex3)/3.0

media110 = 110.0 \* media30/30.0

media110a = int(media110 + 0.5)

func Println(media110)

func Println(media110a)

$$106.3 + 0.5 = \boxed{106.8}$$

$$106.6 + 0.5 = \boxed{107.1}$$

# VARIABLES INITIALIZATION

var x, y, z    int

fact. Scan (x)

y = x \* x + 5

z = x + 1

fact. Println (z)

BLANK  
IDENTIFIER  
↓

   = y



# OPERATORI CON ASSEGNAMENTO

$$x = x + 1$$

$$\rightsquigarrow x++$$

$$x = x - 1$$

$$\rightsquigarrow x--$$

$$x = x + \text{[ ]}$$

$$x += \text{[ ]}$$

$$x = x * \text{[ ]}$$

$$x *= \text{[ ]}$$

$$x = x / \text{[ ]}$$

$$x /= \text{[ ]}$$

...

...