

# Les fonctions

```
func printInfoNoParam() {  
    fmt.Printf("Name=%s, age=%d, email=%s\n", "Bob", 10, "bob@golang.org")  
}  
  
func printInfoParams(name string, age int, email string) {  
    fmt.Printf("Name=%s, age=%d, email=%s\n", name, age, email)  
}  
  
func avg(x, y float64) float64 {  
    return (x + y) / 2  
}  
  
func sumNamedReturn(x, y, z int) (sum int) {  
    sum = x + y + z  
    return // c pas bo hein ...  
}  
  
func main() {  
    printInfoNoParam()  
    printInfoParams("Noé", 15, "noe@flex.org")  
  
    result := avg(16.3, 25.0)  
    fmt.Printf("Average result=%f\n", result)  
  
    sum := sumNamedReturn(10, 25, 7)  
    fmt.Printf("Sum result=%d\n", sum)  
}
```

## Multiples return

```
func ToLowerStr(name string) (string, int) {  
    return strings.ToLower(name), len(name)  
}
```

```
func main() {  
    lowerName, len := ToLowerStr("NOE") // on a le droit mais c'est pas beau non plus  
    fmt.Printf("%s (len=%d)\n", lowerName, len)  
  
    _, len = ToLowerStr("Paul ABIB, oui le seul le vrai l'unique")  
    fmt.Printf("bob len=%d\n", len)  
}
```

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