

```
In [1]: def beCheerful(name='', repeat=2):      # asignar defaults cuando se declare los parámetros
        print(f"good morning {name}\n" * repeat)
beCheerful()                                # salida: good morning (repeated on 2 lines)
beCheerful("tim")                            # salida: good morning tim (repeated on 2 lines)
beCheerful(name="john")                      # salida: good morning john (repeated on 2 lines)
beCheerful(repeat=6)                         # salida: good morning (repeated on 6 lines)
beCheerful(name="michael", repeat=5)        # salida: good morning michael (repeated on 5 lines)
# NOTA: el orden de los argumentos no importa si estamos implícitos al enviar nuestros argumentos!
beCheerful(repeat=3, name="kb")             # salida: good morning kb (repeated on 3 lines)
```

```
good morning
good morning
```

```
good morning tim
good morning tim
```

```
good morning john
good morning john
```

```
good morning
good morning
good morning
good morning
good morning
good morning
```

```
good morning michael
good morning michael
good morning michael
good morning michael
good morning michael
```

```
good morning kb
good morning kb
good morning kb
```

```
In [3]: import random
print(random.random()) #returns a random floating number between 0.000 to 1.000
print(random.random()*50) #retorns a float between 0.000 to 50.000
int(3.654) #retorns 3
round(3.654) #retorns 4
```

...

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In [11]: import random
def randInt(min=0, max=100):
    if min>max or max<0:
        return "número mínimo no puede ser mayor que el máximo y el máximo no puede ser menor que cero"
    else:
        num=round(random.random()*(max-min) + min)
        return num

print(randInt())
print(randInt(max=50))
print(randInt(min=50))
print(randInt(min=50, max=500))
```

37

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51

274

```
In [76]: import random
# Loto elige 6 números en un rango comprendido entre el 1 y 41
def loto(min=1, max=41):
    if min!=1 or max!=41:
        return "Error, los números deben estar en el rango entre 1 y 41"

    else:
        lista=[]
        for i in range(1,7):#toma de 1 a 6
            lista.append(round(random.random()*(max)+min))

        return lista

loto()
```

Out[76]: [23, 19, 40, 16, 32, 8]

In []:

In []:

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