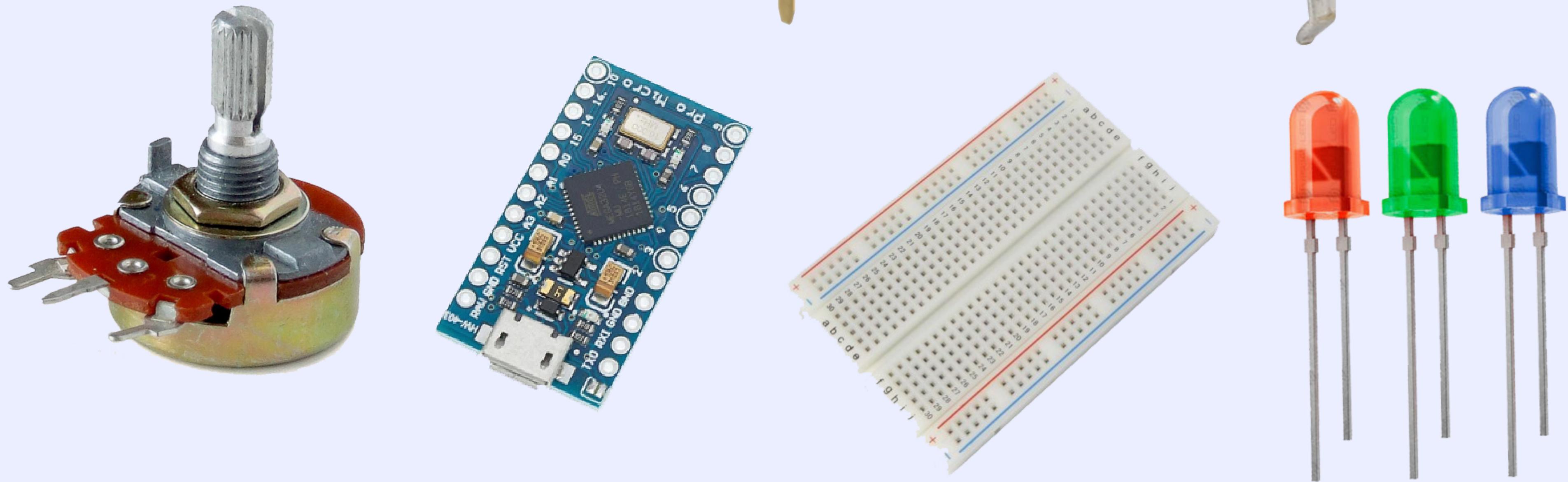
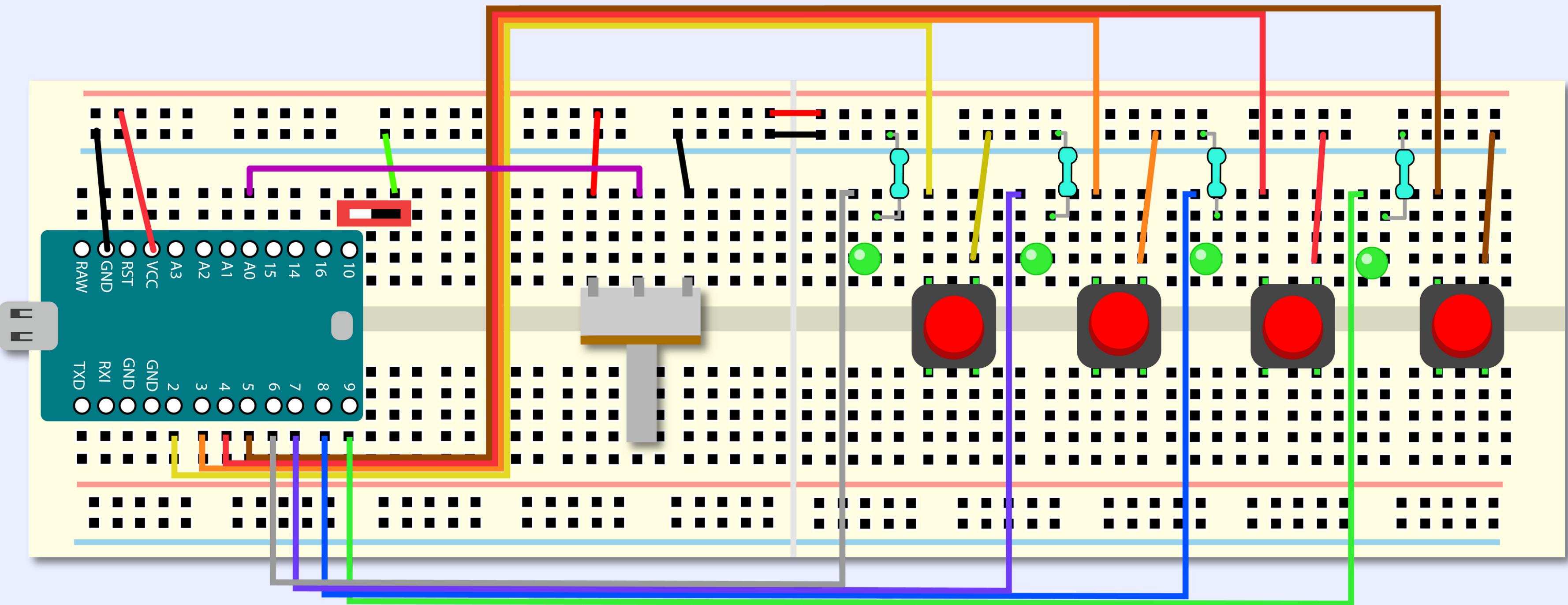
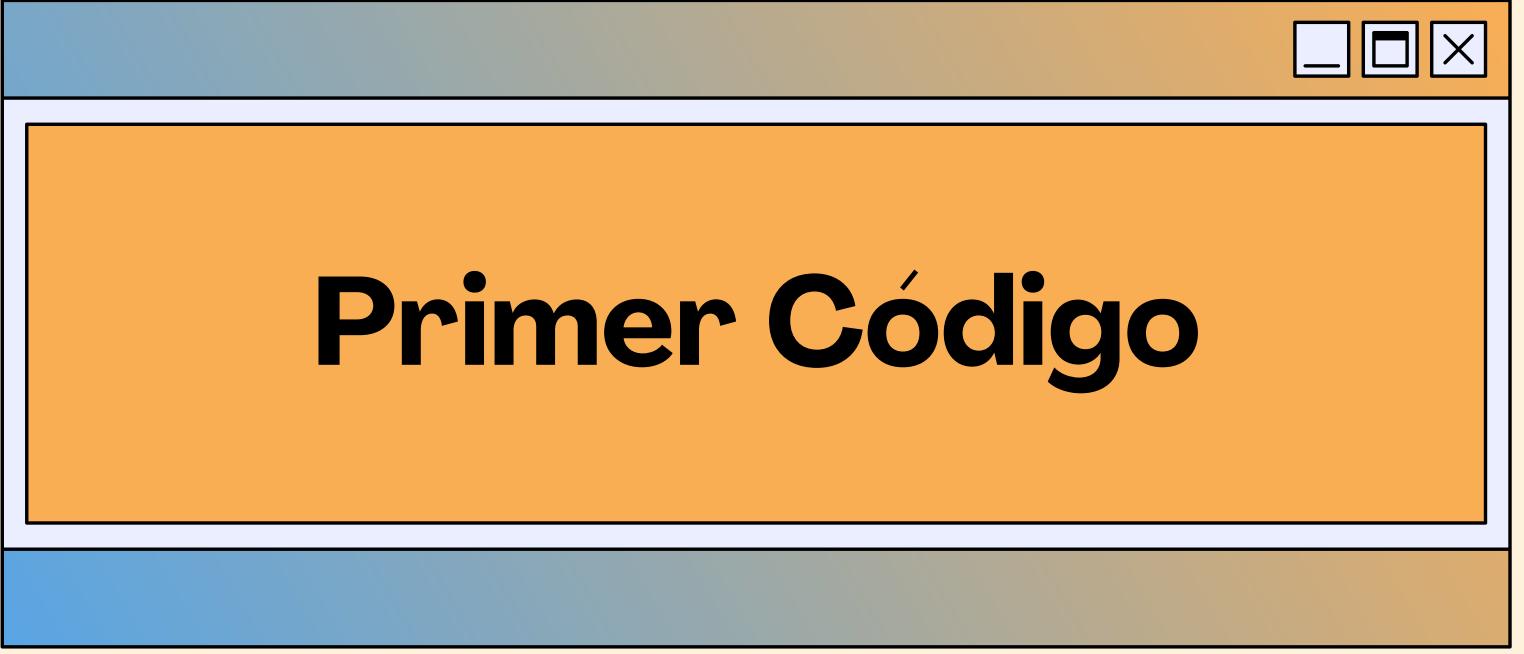


# MATERIALES



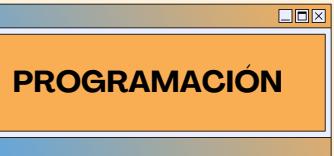




**Primer Código**



**ABRAMOS EL  
CÓDIGO!**



## // Switch - Case

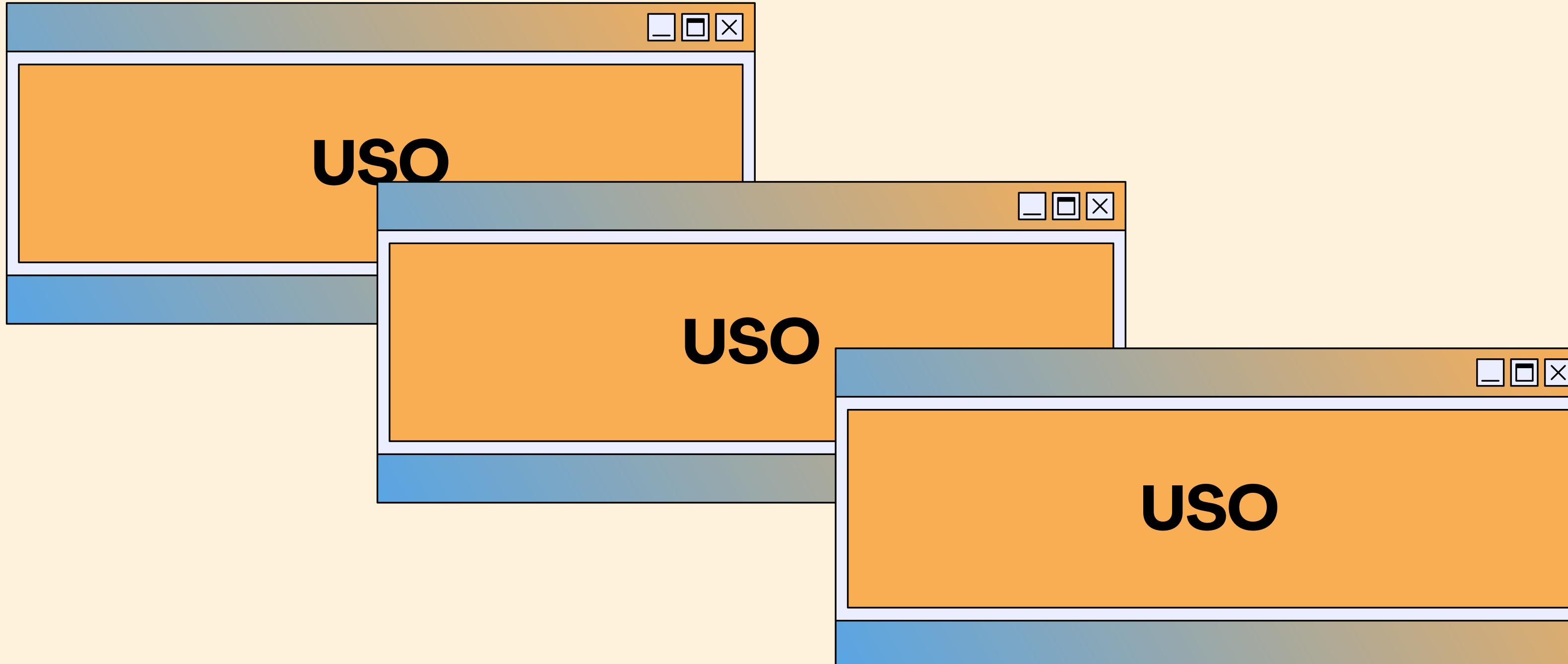
```
switch(i){  
    case 0:  
        // Instrucciones  
        break;  
  
    case 1:  
        // Instrucciones  
        break;  
  
    case 2:  
        ...  
}
```

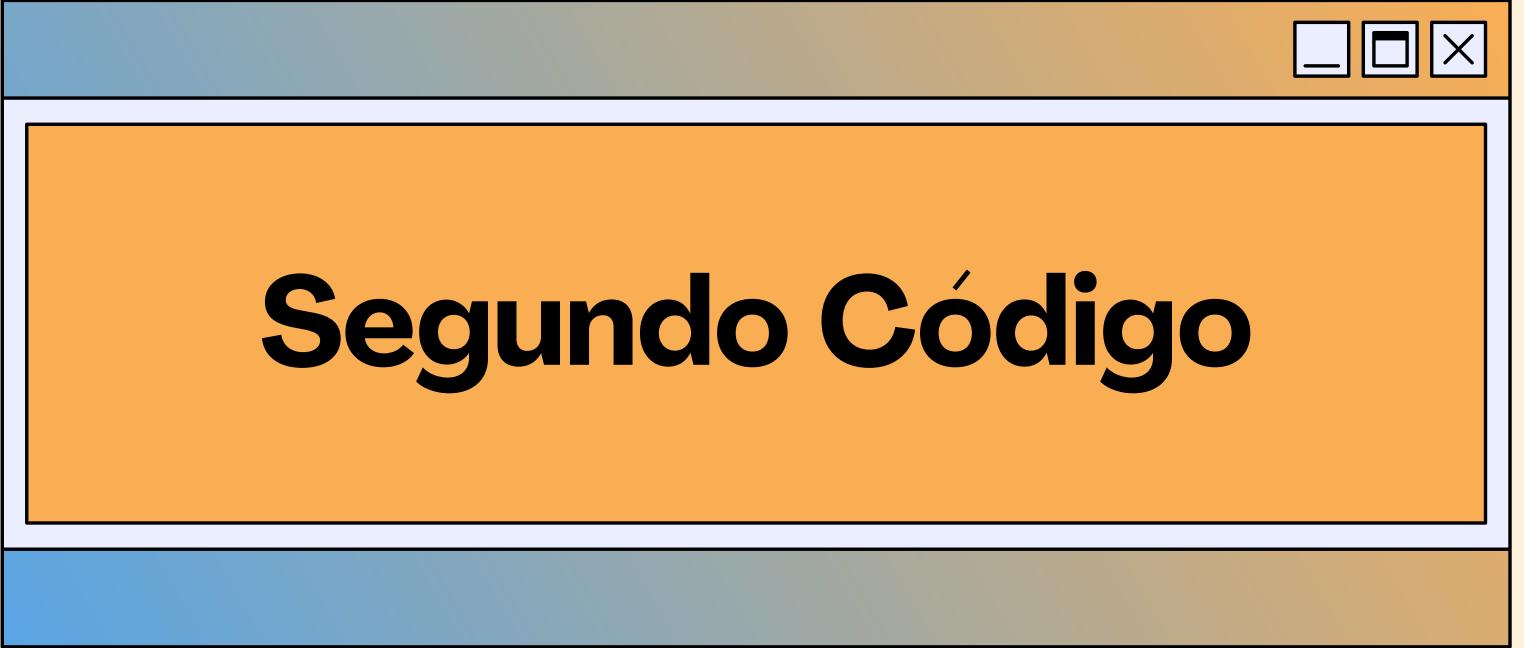


## // Funciones de la librería

**Keyboard.print(texto);** //imprime texto

**Keyboard.println(texto);** //imprime texto con un salto de  
línea





**Segundo Código**



**ABRAMOS EL  
CÓDIGO!**

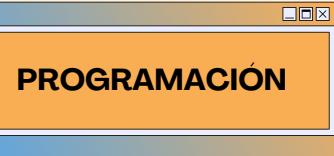


## // Funciones de la librería

**Keyboard.press(boton);** //presiona un boton del teclado

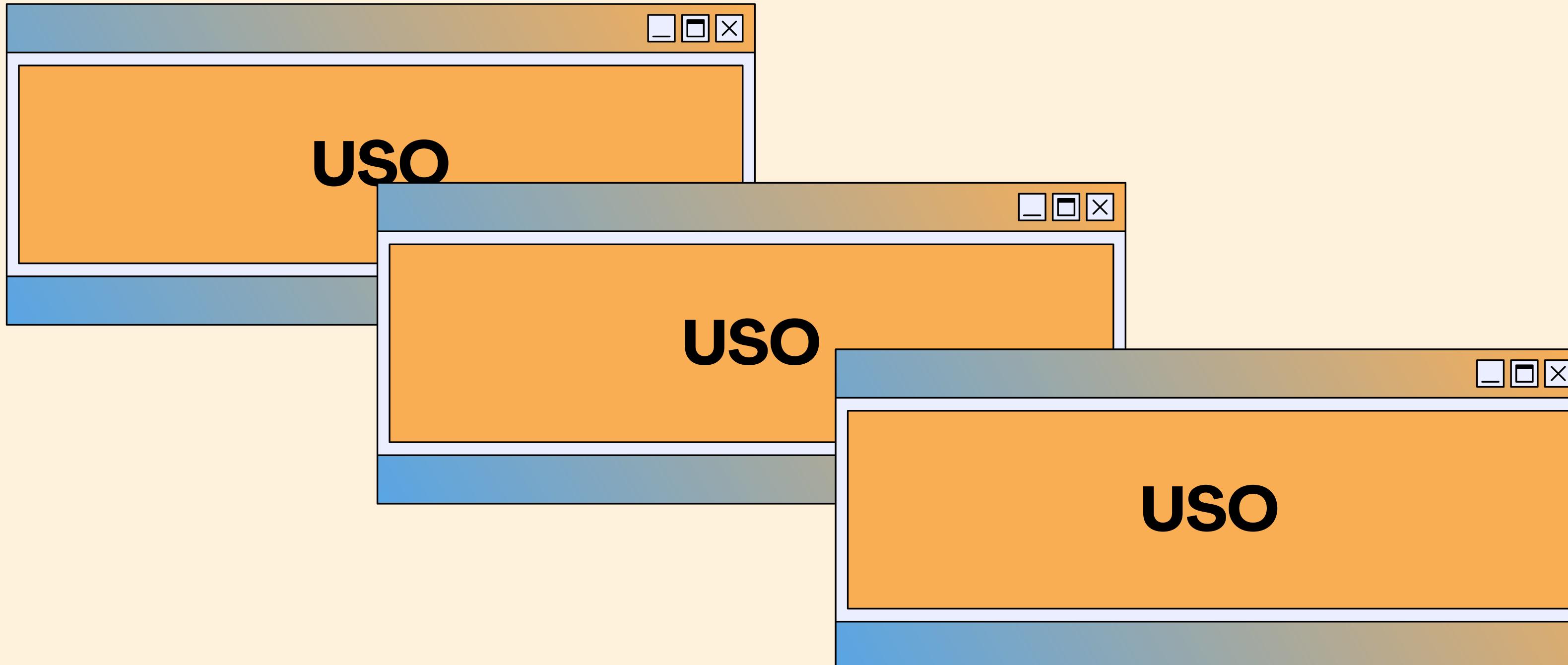
**Keyboard.release(boton);** //Libera un boton del teclado

**Keyboard.releaseAll();** //Libera todos los botones



## // BOTONES DISPONIBLES

**<https://www.arduino.cc/reference/en/language/functions/usb/keyboard/keyboardmodifiers/>**



# TOP 14 PC SHORTCUTS

EVERY PC USER SHOULD KNOW

CTRL A

**CTRL + A (Select All)**

selects all text in a document, spreadsheet, webpage, database, or table

CTRL B

**CTRL + B (Bold)**

select and bold text in office

CTRL C

**CTRL + C (Copy)**

selects and copy information to reuse in a different place or document

CTRL F

**CTRL + F (Find)**

find a word or phrase within a document, webpage, database, or spreadsheet

CTRL I

**CTRL + I (Italics)**

select and italic text in office

CTRL N

**CTRL + N (Create New)**

create something new lightning fast- use with Office or to open up a new webpage

CTRL

P

**CTRL + P (Print)**

use to quickly print a document, webpage, anything

CTRL U

U

**CTRL + U (Underline)**

select and underline text in office

CTRL Y

Y

**CTRL + Y (Redo)**

restore the last action

CTRL

← or →

**CTRL + Left or Right Arrow**

enables you to move the cursor one word at a time.

CTRL

S

**CTRL + S (Save)**

save your work in a flash

CTRL V

V

**CTRL + V (Paste)**

paste copied text in place

CTRL Z

Z

**CTRL + Z (Undo)**

undo the last action

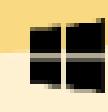
Alt

Tab

**ALT + TAB**

brings up all your open windows

 = Start Menu

 + **X** = Open Power Menu

 + **T** = Cycle Through Open Apps On Taskbar

 + **M** = Minimize all window and show desktop

 + **D** = Toggle between desktop and open apps

 + **L** = Lock system

 + **P** = Project to external screen

 + **F** = Find from start menu (Traditional)

 + **O** = Lock screen orientation ( on select devices)

 + **C** = Open Charm bar

 + **I** = Open settings in Charm bar

 + **H** = Share menu in Charm bar (Metro)

 + **Tab** = Switch to Virtual Desktop

 + **Prt Sc** = Screenshot of active desktop

 + **Arrow Keys** = Move Apps to respective position

 + **1....10** = Launch Application pinned to taskbar

at similar number





# ¡ATAJOS DE TECLADO EN GMAIL!

Para habilitarlos, accede a: Configuración / Ver todos los ajustes / Combinaciones de teclas / Habilitar.



Crea tu firma de correo profesional ¡GRATIS! en:

**ed.team/firma**

# ATAJOS DE TECLADO EN GMAIL PARTE 2



Habilítalos en: [Configuración](#) /  
[Ver todos los ajustes](#) /  
[Combinaciones de teclas](#) / [Habilitar](#).



Enviar correo.

⌘ + ↵

+ Ó =

Marcar como importante.



Buscar correo.

/

⌘ + K

Insertar un enlace.



Responder a todos.

A

F

Reenviar correo.

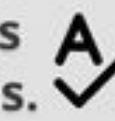


Redactar en una nueva pestaña.

D

⌘ + M

Sugerencias ortográficas.

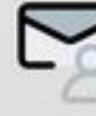


Añadir a CC.

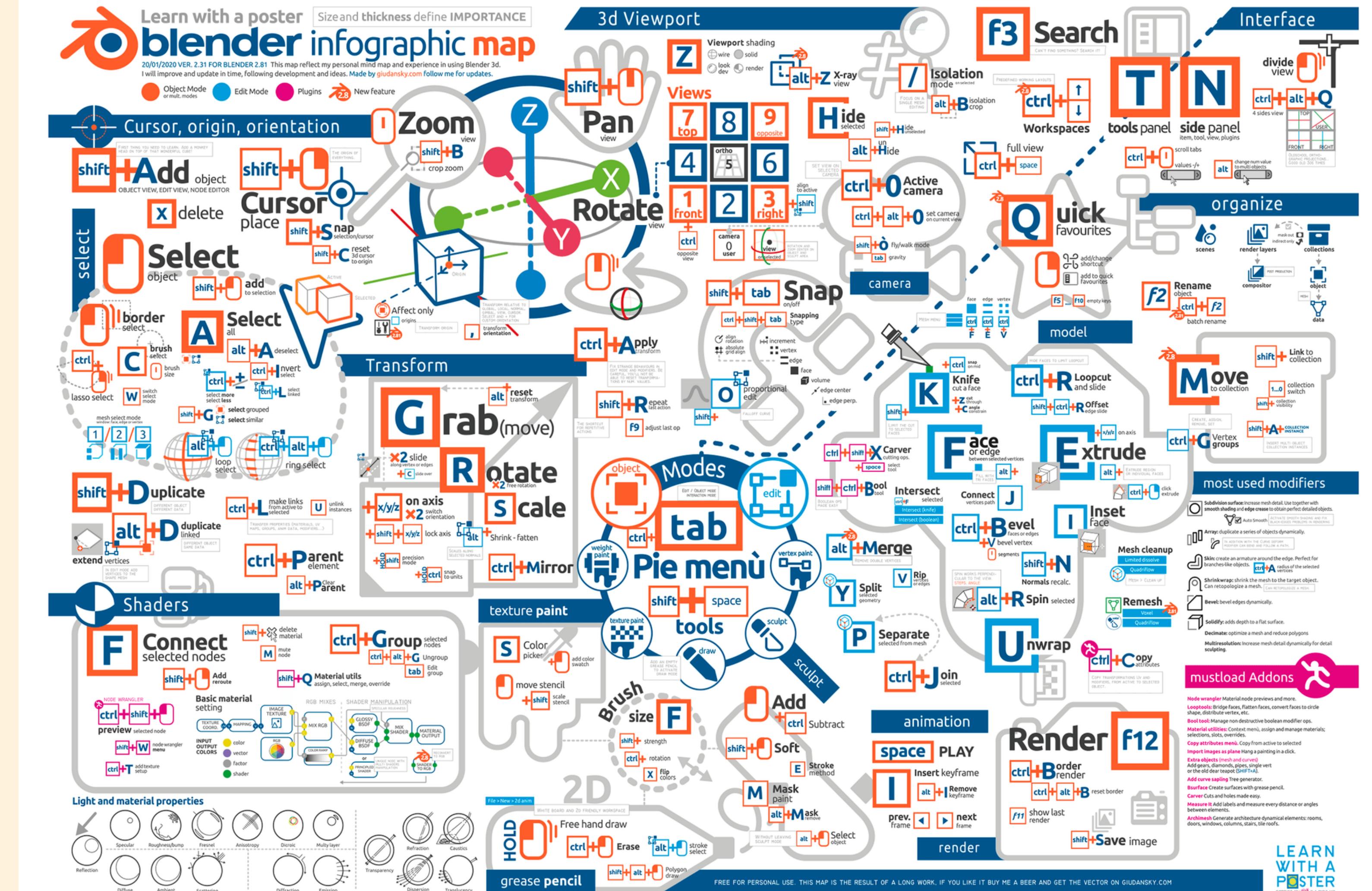
⌘ + ↑ + C

⌘ + ↑ + B

Añadir a CCO.

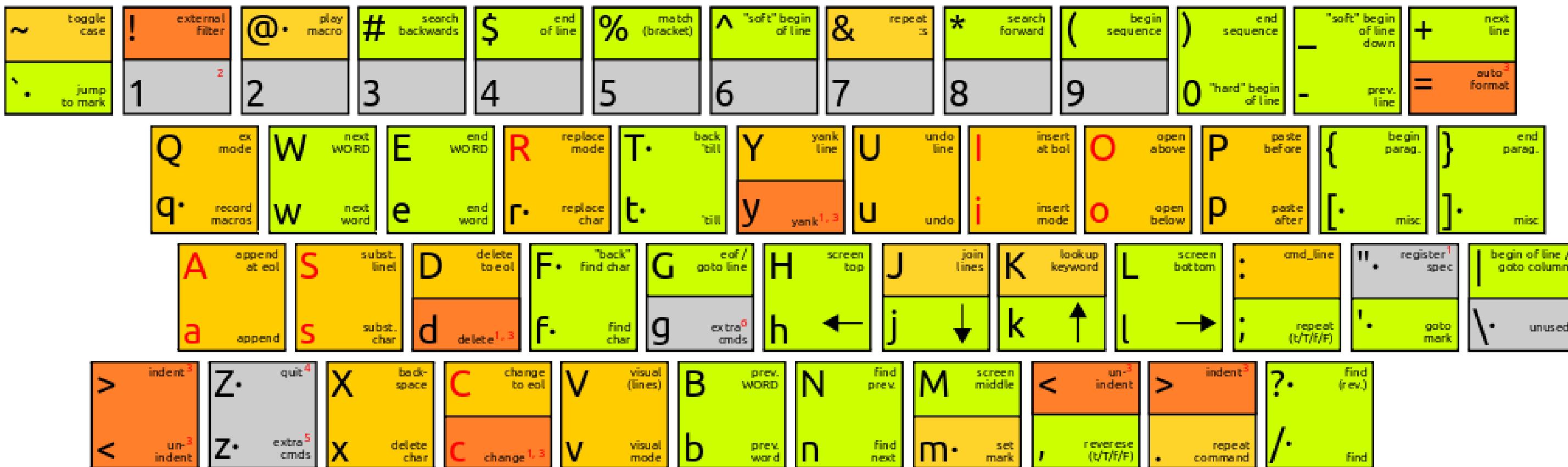


En PC remplaza ⌘ por CTRL.



**Esc**

normal mode

**motion**

moves the cursor or defines the range for an operator

**command**

direct action cmd, if red it enters insert mode

**operator**

requires a motion afterwards, operates between cursor and destination

**extra**

special functions, requires extra input

**q.**

commands with a dot need a char argument afterwards

# vim graphical cheat sheet

(english keyboard layout)

## Main command line commands ("ex"):

:w [file] {save}  
 :q {quit}  
 :q! {quit without saving}  
 :wq {save & quit}  
 :e Foo {open file Foo}  
 :n {new file}  
 :sp {split window horizontally}  
 :vsp {split window vertically}  
 :reg {display content of named registers}  
 :Explore {dir} {open file-explorer}  
 :h {help}  
 :h holy-grail {list all commands}

## Other important commands:

**CTRL + R** (redo)  
**CTRL + P / N** (complete the current word)  
**CTRL + W** (move cursor to next window)  
[n] **CTRL + 6** (toggle [n]th alternate file)  
**CTRL + F / B** (page up / down)  
**CTRL + E / Y** (scroll lin eup / down)  
**CTRL + V** (block-visual mode)

## Find and replace:

:%s/<RegExp>/<String>/g (replace <RegExp> by <String> filewide)  
 :s/<RegExp>/<String>/ (search current line and replace first match)

## Vim 7.x only commands:

**CTRL + X - CTRL + O** (omni completion in insert mode)  
**:tabe** [file] {edit [file] in a new tab}  
**:tabc** [n] {close tab [n]}  
**:tabonly** {close all other tab pages}  
**:tabmove** [n] {move tab to position [n]}  
**:tab** [cmd] {execute [cmd] and when it opens a new window open a new tab page instead, e.g. **:tab split** opens current buffer in a new tab: **:tab help gt** opens tab page with help for gt}  
**:tabs** {list all tab pages}  
[n] **:gt** {goto next or tab [n]}  
**:gT** {goto previous tab}

**:undolist** {list leafs in tree of change}  
**:earlier** [n] {s/m/h} {goto older text state [n] times / sec / min / hours}  
**:g-** {goto older text state}  
**:later** [n] {s/m/h} {goto newer txt state [n] times / sec / min / hours}  
**:g+** {goto newer text state}

## Notes:

- [1] use "x before a yank/paste/del command to use that register ('clipboard') (x=a,x,\*)  
(e.g.: "ay\$ to copy rest of line to reg 'a')
- [2] type in a number before any action to repeate it that number of times  
(e.g.: 2p, d2w, 5i, d4j)
- [3] duplicate operator to act on current line (dd = delete line, >> = indent line)
- [4] ZZ to save & quit, ZQ to quit w/o saving
- [5] zt: scroll cursor to top, zb bottom, zz center
- [6] gg: top of file (vim only), gf: open file under cursor (vim only)

## Visual mode:

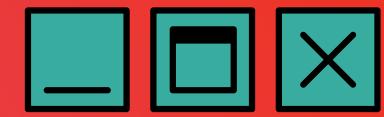
Move around and type operator to act on the selected region.

## Vim-Help navigation:

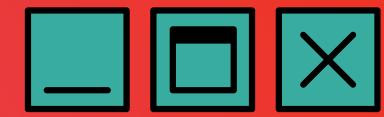
**CTRL + ALT GR +** or **:ta [tag]** (jump to subject using tags, **CTRL + O** to jump back)

**¿Qué es lo que me hace elegir este atajo?**

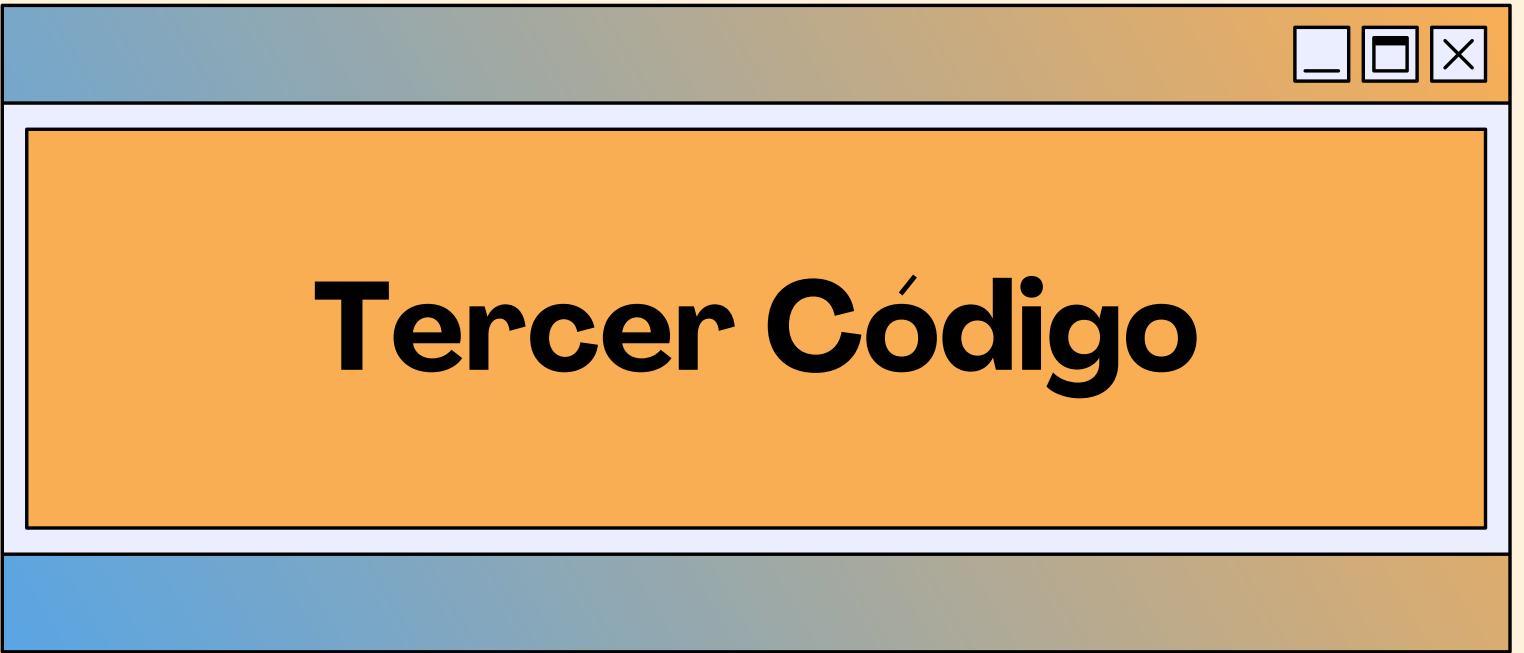
**¿Qué de mí veo reflejado en lo que elijo?**



**BREAK  
BREAK  
BREAK**



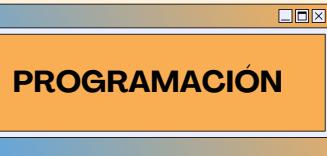
# ACTIVACIÓN MOTORA



**Tercer Código**

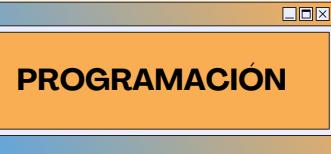


**ABRAMOS EL  
CÓDIGO!**



## // Funciones de la librería CONSUMER

```
Consumer.begin(boton); //Comienza comunicación con el pc  
Consumer.press(boton); //presiona un boton del teclado  
Consumer.release(boton); //Libera un boton del teclado  
Consumer.releaseAll(); //Libera todos los botones
```



## // BOTONES DISPONIBLES

**NicoHood/HID**

Bring enhanced HID functions to your Arduino!

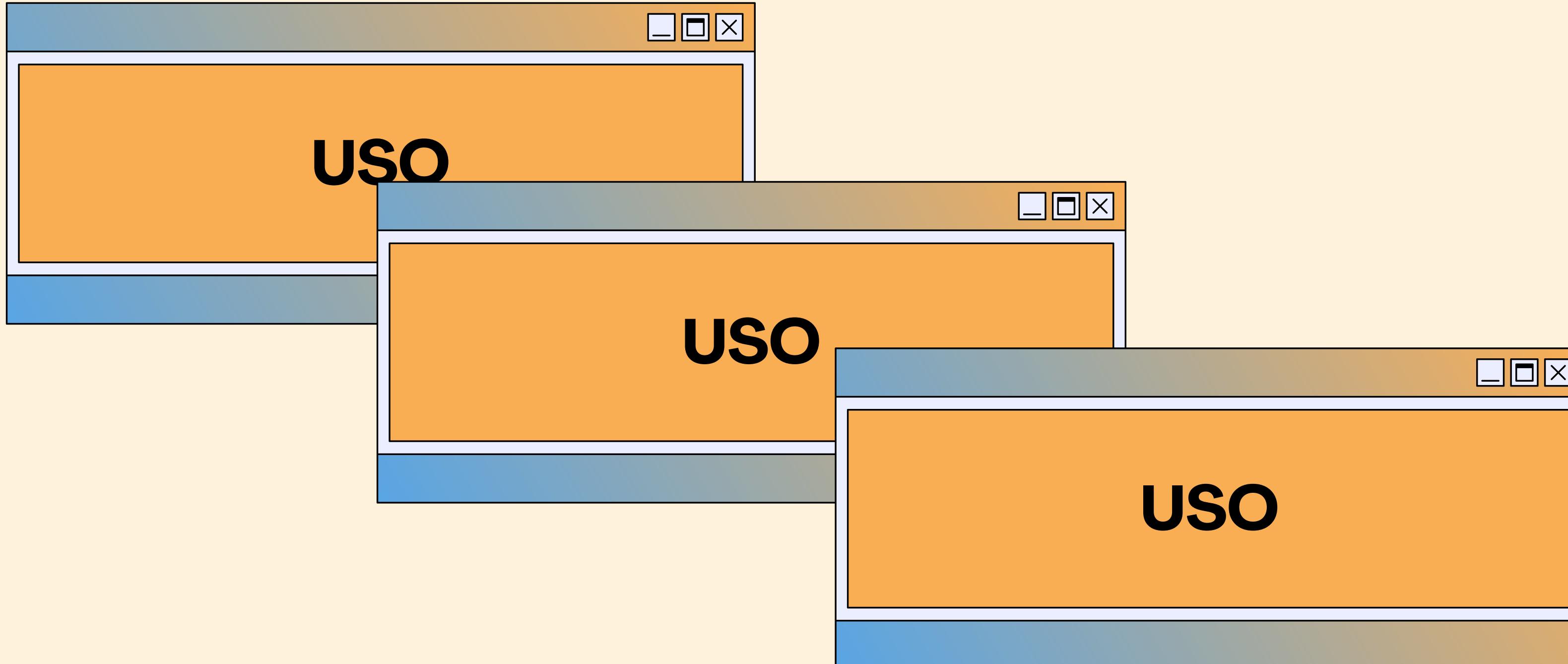


18 Contributors    65 Issues    53 Discussions    2k Stars    361 Forks

**Consumer API · NicoHood/HID Wiki**

Bring enhanced HID functions to your Arduino! Contribute to NicoHood/HID development by creating an account on GitHub.

[GitHub](#)



# **¿Que aprendí de mi en este proceso?**