

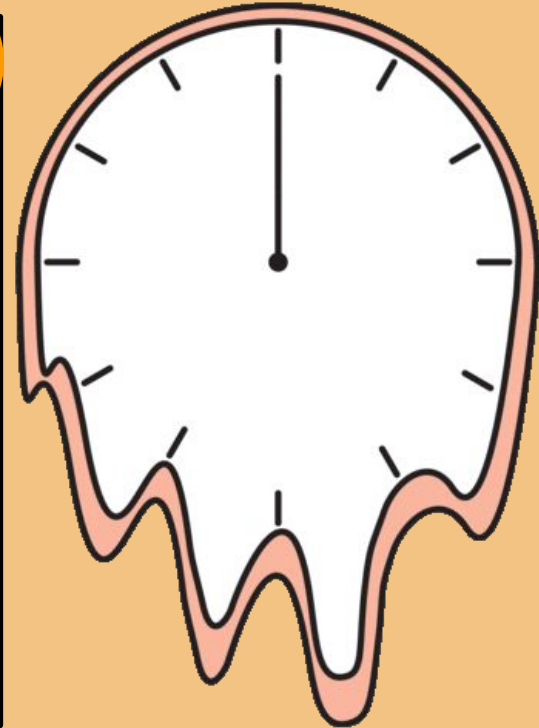
Fri., 1.21.2022

FOCUS: How can we use keyboard keys to change elements of our code?

**You do NOT
need your
computer**

On your post it...

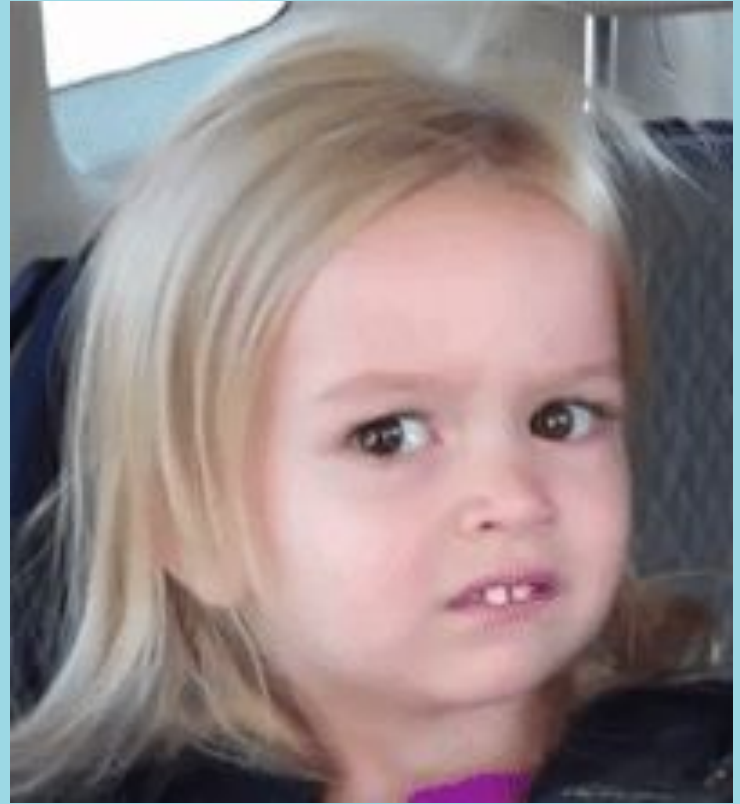
Would you rather always be
10 minutes late or 10
minutes early?



Pseudocoding

Pseudocoding is writing notes for a program in a format similar to code but slightly more human like.

Let's try some together!



Task: <https://tinyurl.com/keyinvestigation>

With your partner, play around with the preview of the [KeyInvestigation](#).

On your paper, try to pseudocode what would have to happen to make the actions change.

Reminder: Pseudocoding is writing in a code format but using our words.

Note: there are a LOT of actions, you might not finish them.

Mon., 1.24.2022

FOCUS: How can we use keyboard keys to change elements of our code?

On your post it...

Make at least 2
noticings about
the computer to
the right from
1977.



Computers used to be entirely based on key commands.

This still happens in the computer's **terminal**.

There also so many computer shortcuts (aka: **hot keys**)

Command /

Command S

Command A

Command C

Command X

Command V

Command P

Command T

Command B

**Before we try to use
keys...**

What is
happening here?

1 `var aNum`

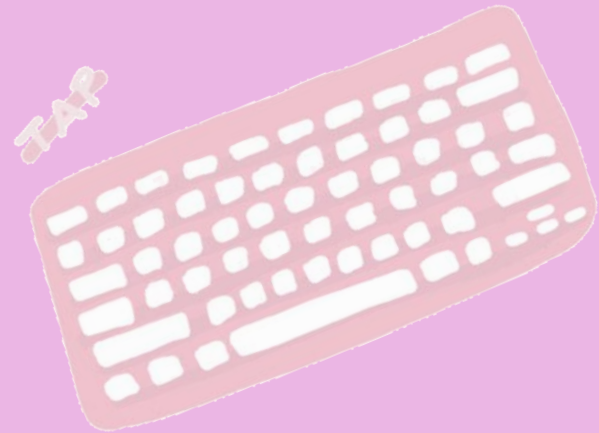
2
3 `aNum = 8`

4
5 `aNum = aNum + 3`
6
7
8
9
10

Pressing Keys Code Along!

Open a new editor
and name it 2.08: Key
Pressed

Make an ellipse at
the center



Tues., 1.25.2022

FOCUS: How can we use keyboard keys to change elements of our code?

```
66 ▼ if (key="B" && keyIsPressed) {  
67     console.log("Bananas")  
68 }
```

On your post it...

Its not workingggg  Why not?

Takeaways from yesterday...

`keyIsPressed` is another boolean value that we can add to a conditional and checks if a key was used

You can use any key on your keyboard, and to check it you create the boolean `key==" "`

Important: it is case sensitive AND if you want other keys, check out `keycode.info` and use `keyCode= " "`.

Takeaways from yesterday...

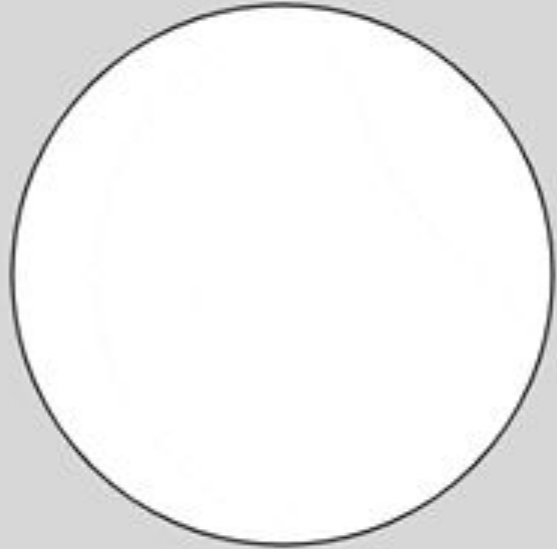
```
1 var ellipseW  
2 ellipseW = 100  
3 //ellipseW = ellipseW + 1
```

```
4 //ellipseW = ellipseW + 10
```

```
5 ellipseW = ellipseW - 10
```

What is
happening
here?

**What is
wrong with
this?**



Let's try it!

Open up your **2.07 KeyPress**
editor

Not here? Use this:

<https://tiny.one/208se2>

CHALLENGES

Open a new editor and make an ellipse:

If the c key is pressed, change the color of the ellipse

If the b key is pressed, change the color of the background

If the r key is pressed, create a random rectangle on the screen

If the t key is pressed, create a random triangle on the screen

If the x key is pressed, change the strokeWeight

If the p key is pressed, change the stroke color