



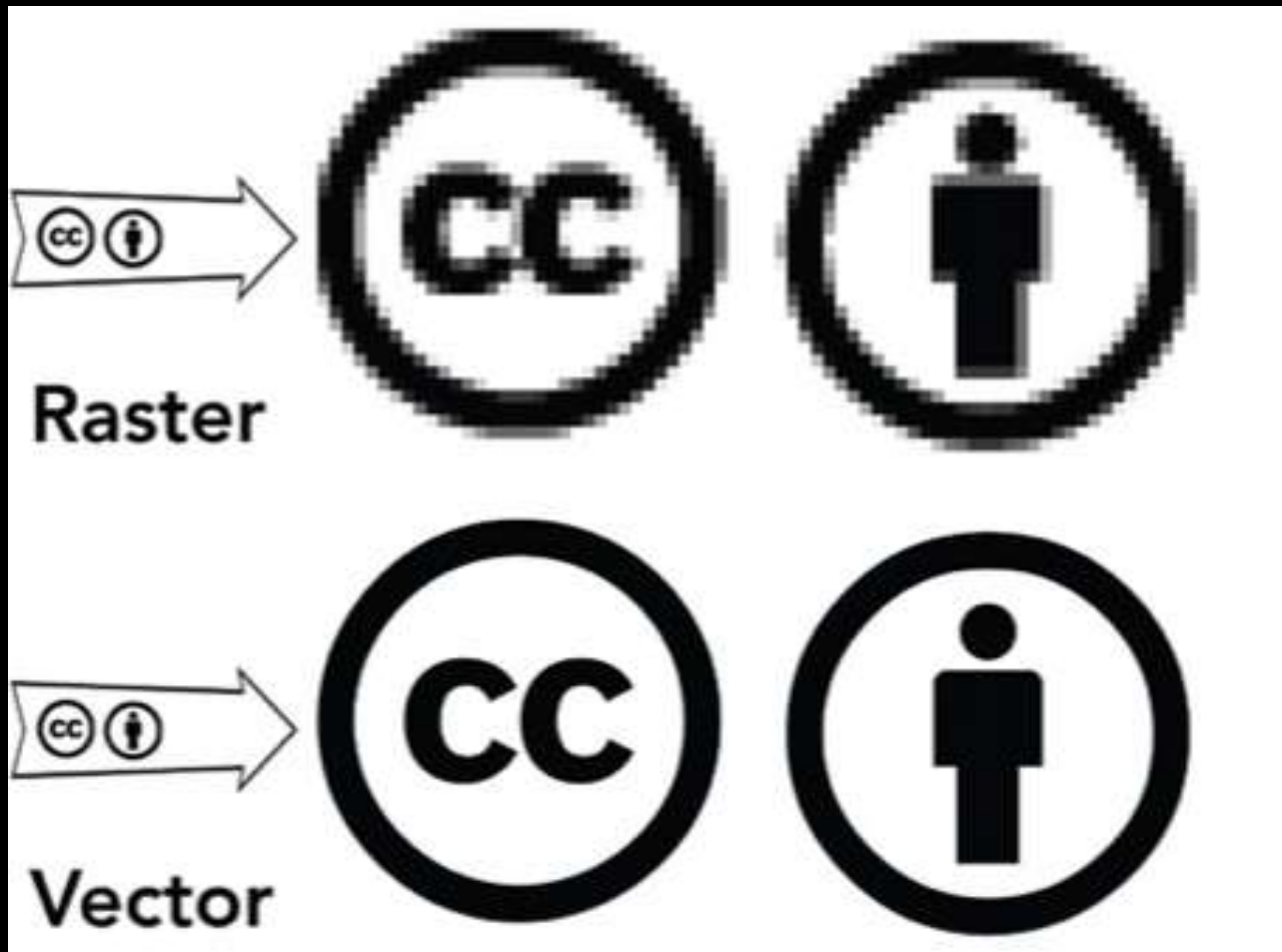
Ps

PHOTOSHOP

ILLUSTRATOR

Ai

Raster VS Vector

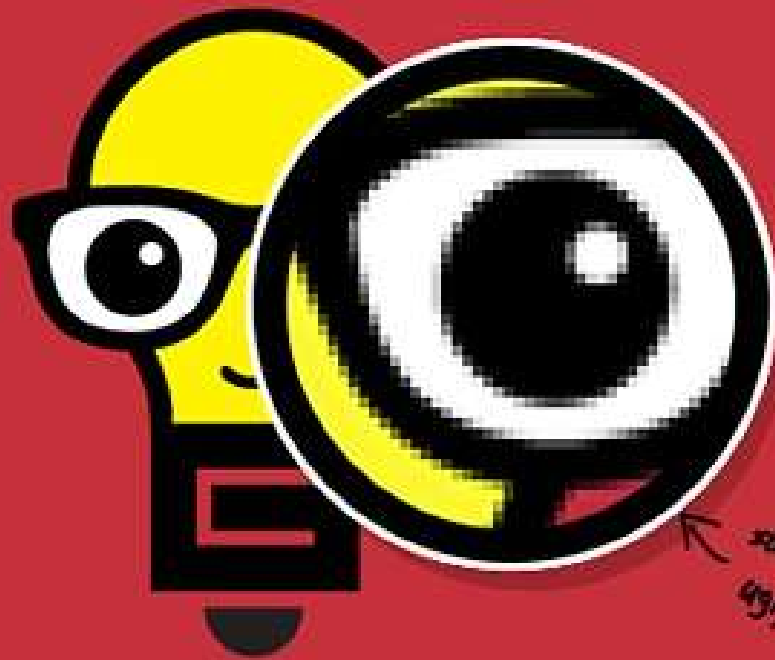




Raster



Vector



soooo...
ugly!

RASTER...

EG: JPEG, PNG, GIF, BMP

VS...



super
sharp :)

VECTOR

EG: EPS, AI

Photoshop

- **Photoshop** - is a Raster or "bitmap" image processing and manipulation program. It's ideally suited for creating, modifying and outputting digital images of a photographic nature, which share a common fundamental structure: pixels in a bitmap.



Photoshop

- Manipulation of digital graphics photographic in nature
 - Add, subtract, modify, colorize, pixels in the images
 - Produce digital files where the whole image is part of a "fixed" pixel structure (the "bitmap")
 - Prepare complicated color/BW images for further processing in page layout programs for high resolution printing
- Fundamental difference: Photoshop manipulates individual color pixels within a fixed bitmap

Illustrator

- Illustrator is a vector-based postscript drawing program. Its used to create high quality print material. It functions by generating curved paths (Bezier curves) connected by modifiable anchor points. These anchors, with their handles are ultimately editable, and never "leave" the structure of the file.

Illustrator

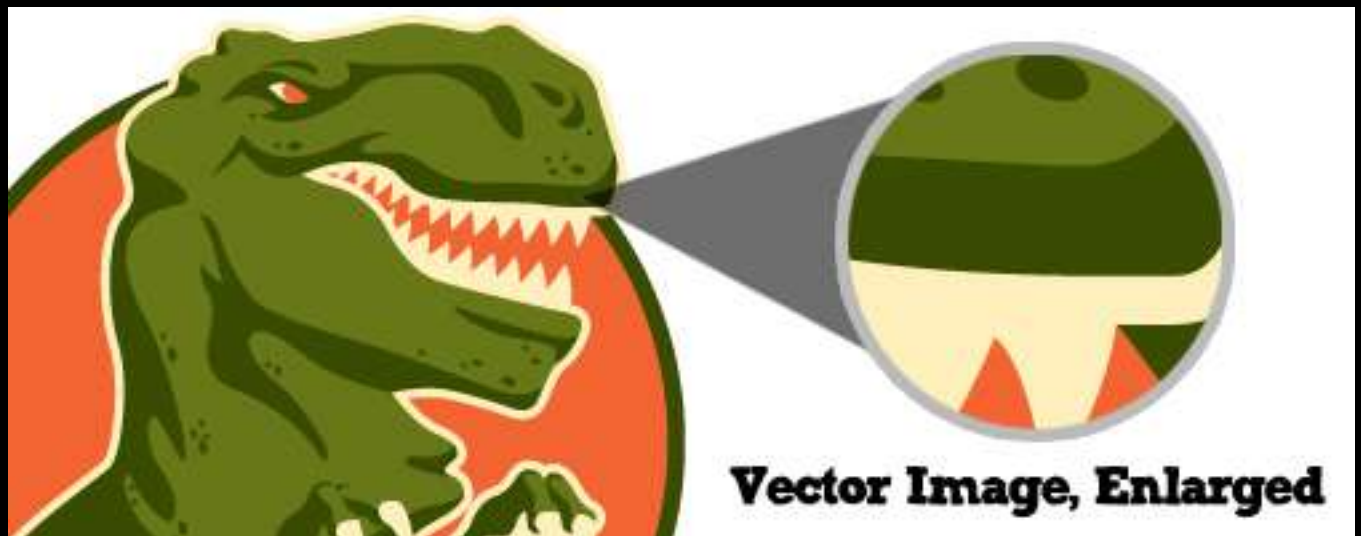
Creates complicated graphics like:

Logos that need to be scalable

Small Icons

Graphics (that don't need to be photorealistic)

Flash



Advantages of Vector Graphics

Scalable without resolution loss

Lines are crisp and sharp at any sizes

Print at high resolution

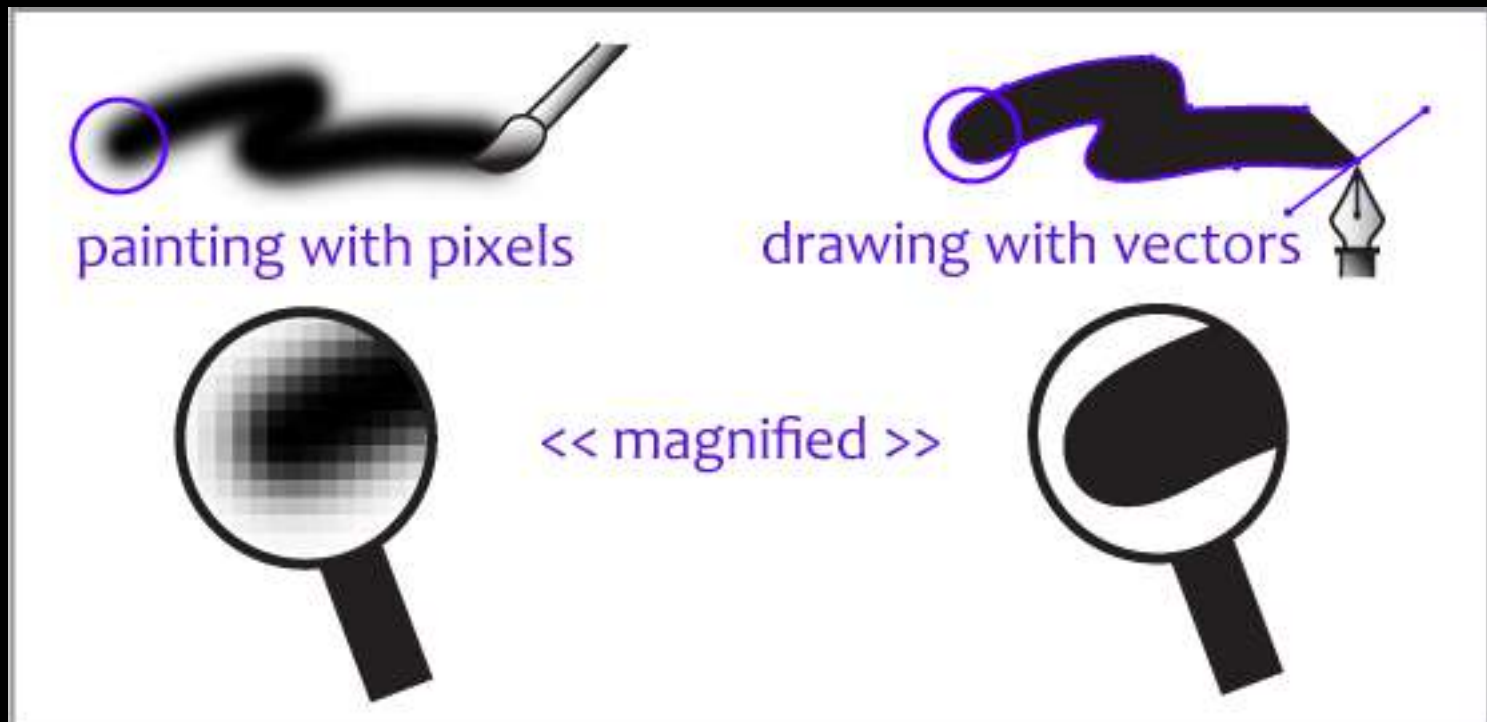
Smaller file size

Good for drawing illustrations



Disadvantages of vector graphics

- Drawings tend to look flat and cartoon
- Hard to produce photo realistic drawings



Common Uses for Illustrator

- 1) Designing Logos



By: [Draplin Design](#)

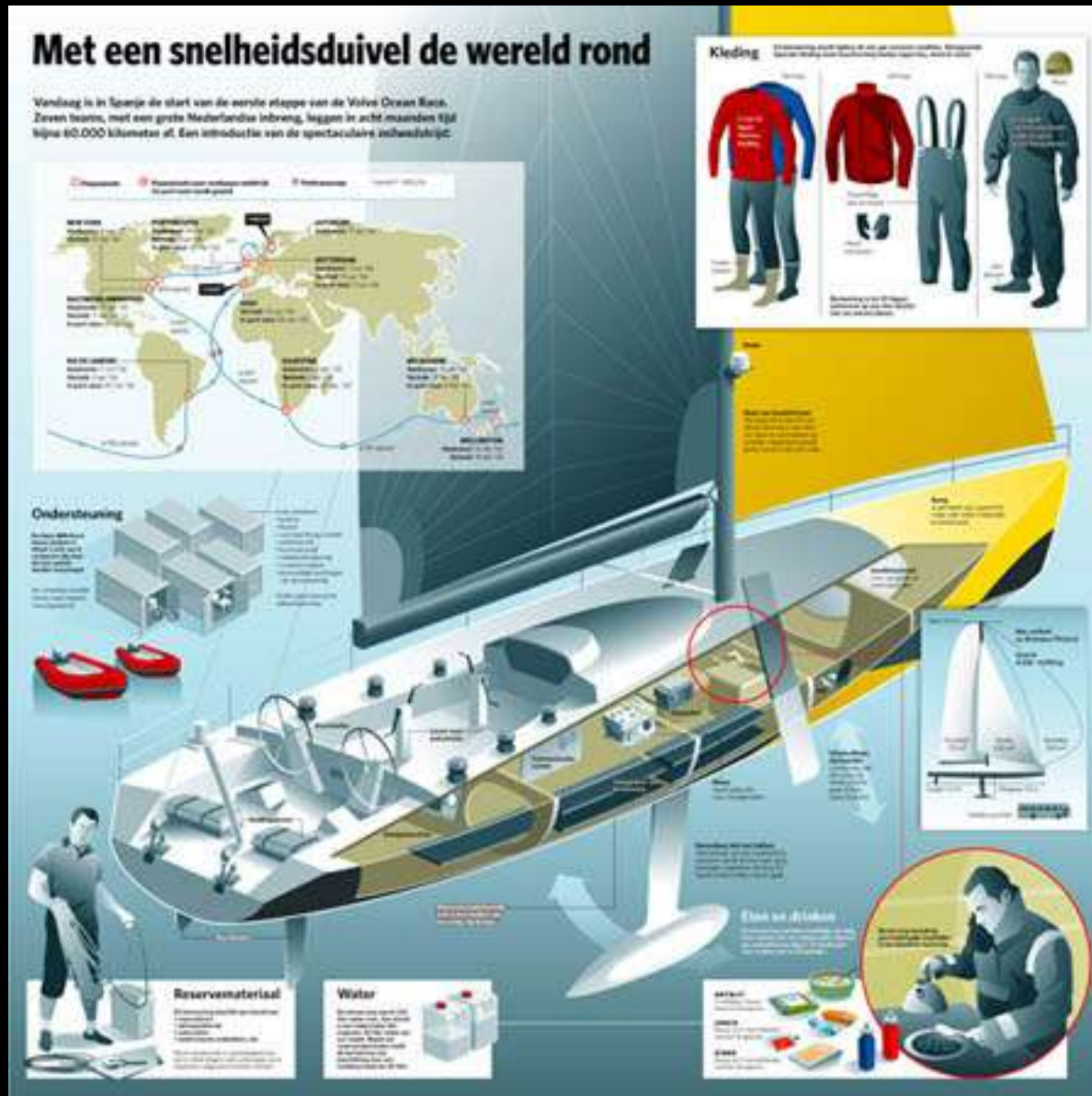
- **2) Drawing Maps**



- 3) Drawing Illustrations



- 4) Infographics



- 5) Photorealistic Drawings



By: [Kevin Hulsey](#)

- 6) Packaging Design

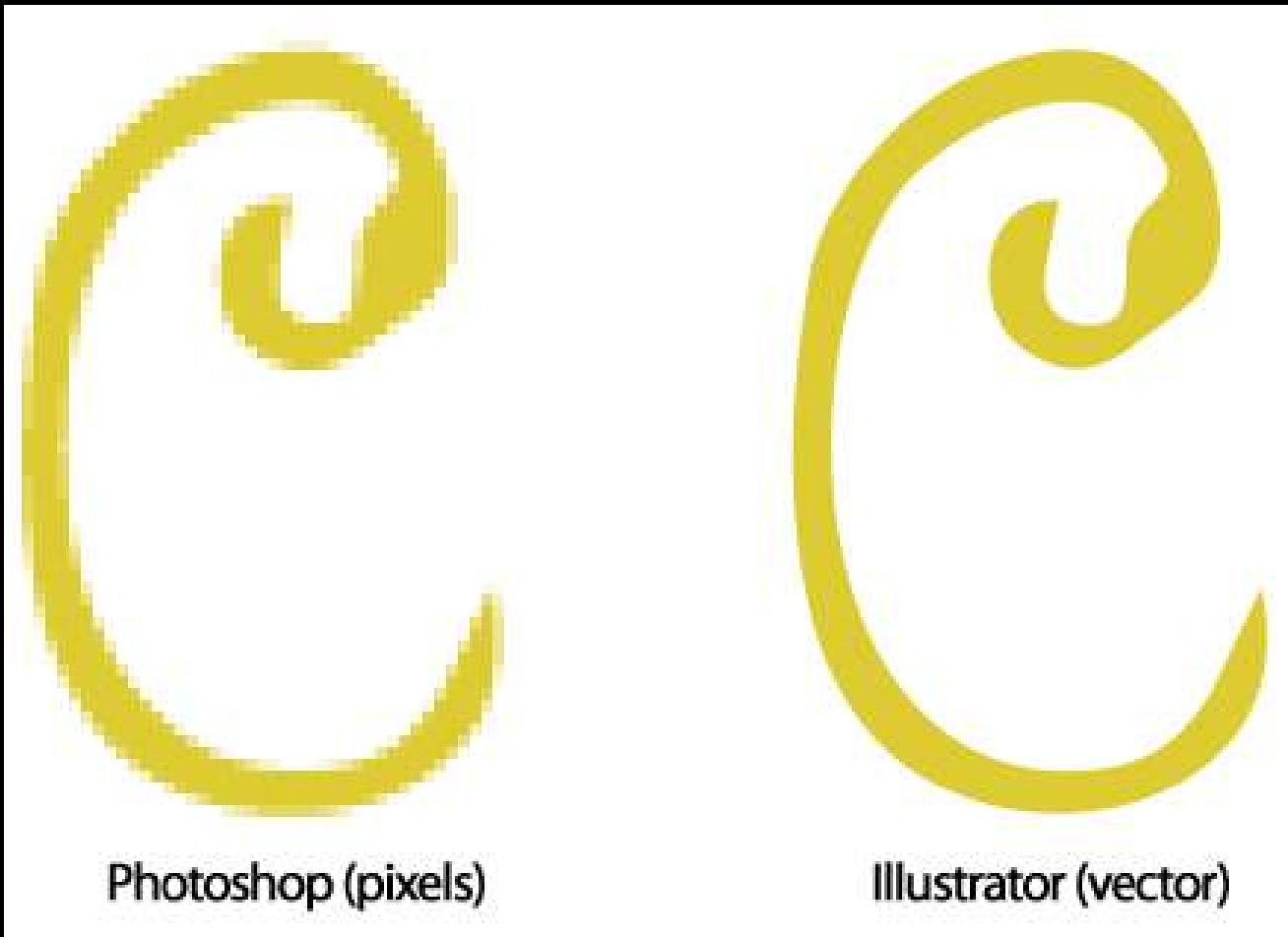


- This are just a few examples of what Illustrator can do. If you have experience with Photoshop, you can bring your illustrations into Photoshop and enhance it. That's how professional does it. During the next few days, I will be covering the basics of Illustrator so that you can produce your first vector art!

About Adobe Illustrator

- Illustrator is a vector drawing program. It is often used to draw illustrations, cartoons, diagrams, charts and logos. Unlike bitmap images that stores information in a grid of dots, Illustrator uses mathematical equations to draw out the shapes. This makes vector graphics scalable without the loss of resolution.

Bitmap vs. Vector



illustrator is all smooth
and **Vector**!!



illustrator
camp



HOUSE OF
PHOTOSHOP.

So!? RASTERISE
me!! I don't
care!



illustrator
camp



HOUSE OF
PHOTOSHOP.

ARE you
CRAZY?!?



illustrator
camp



HOUSE OF
PHOTOSHOP.

you calling
me **CRAZY?!~**



illustrator
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PHOTOSHOP.

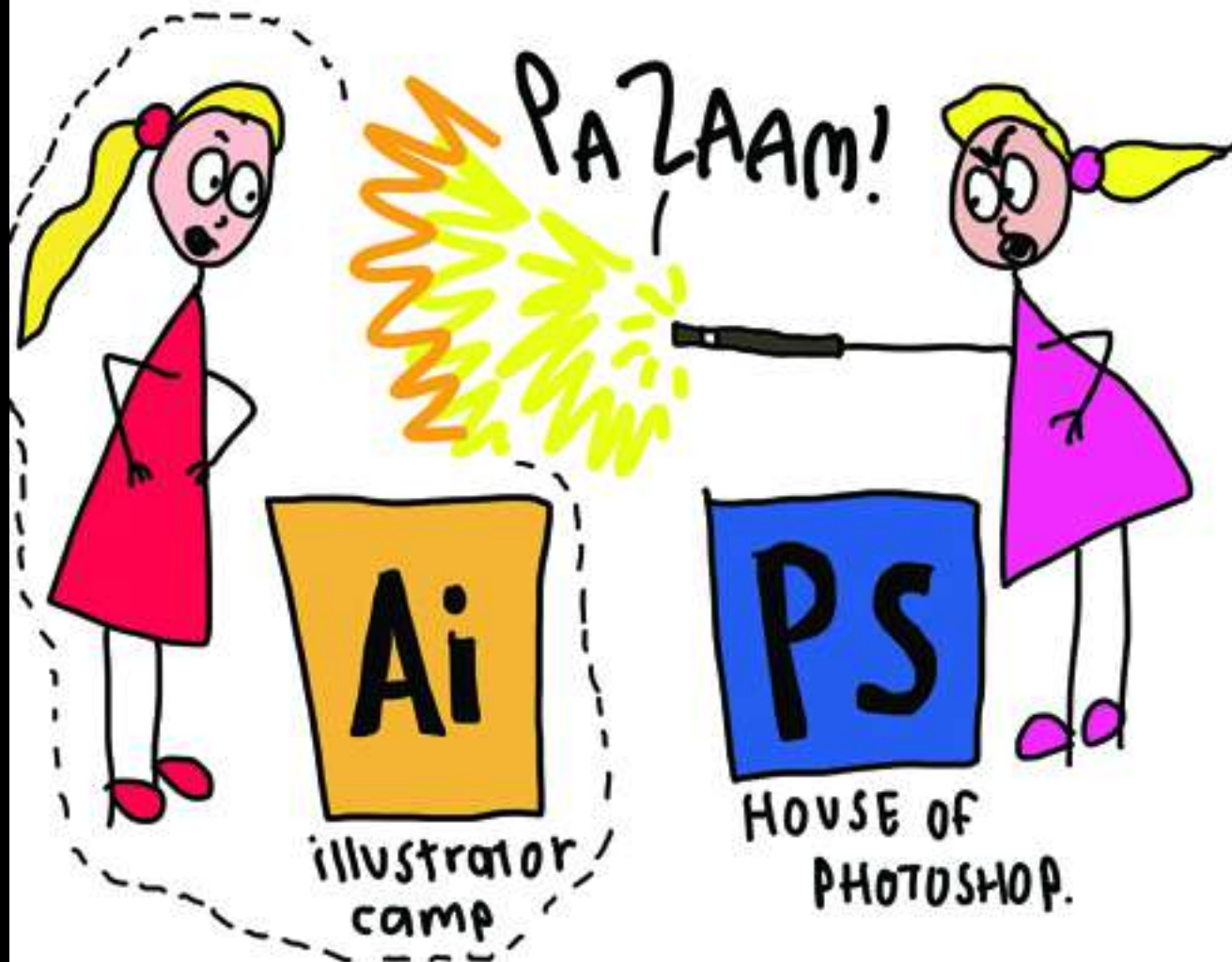
MAGIC WAND!



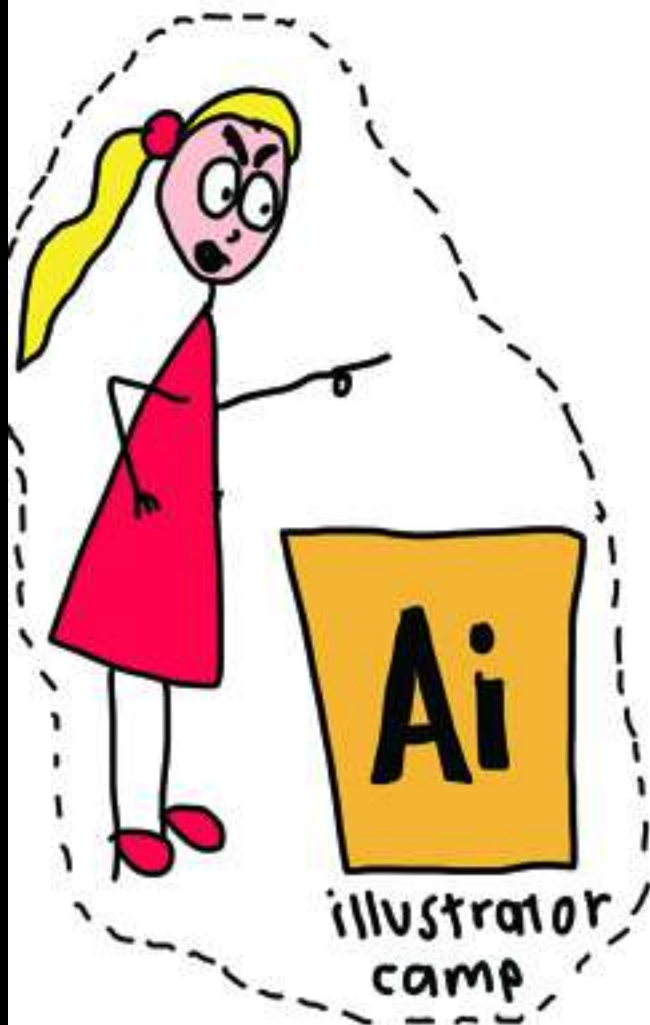
illustrator
camp



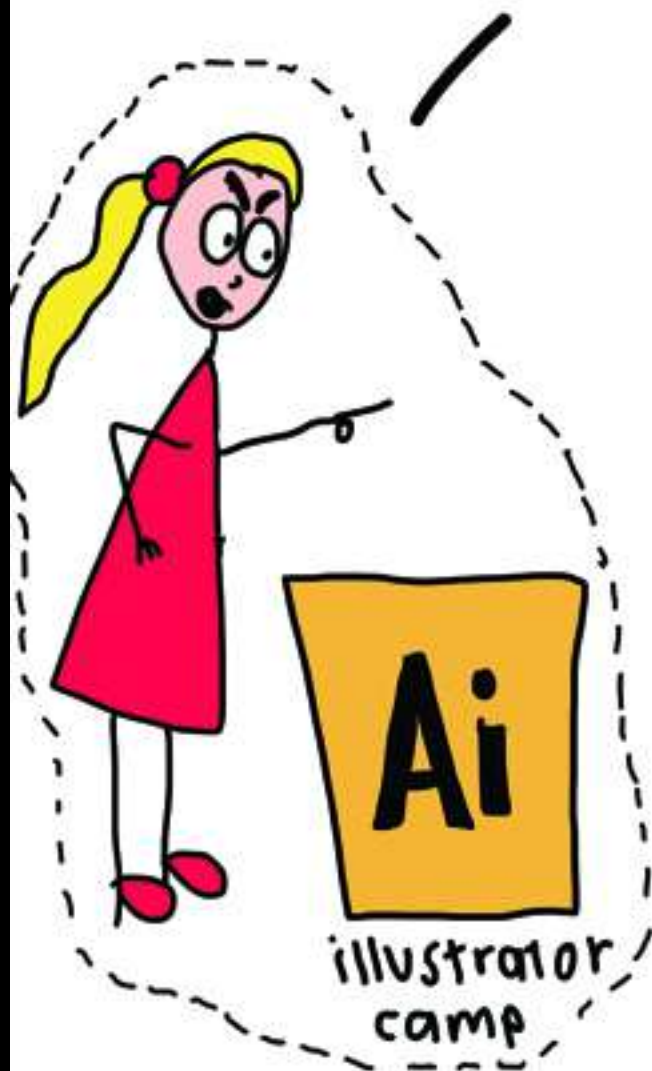
HOUSE OF
PHOTOSHOP.

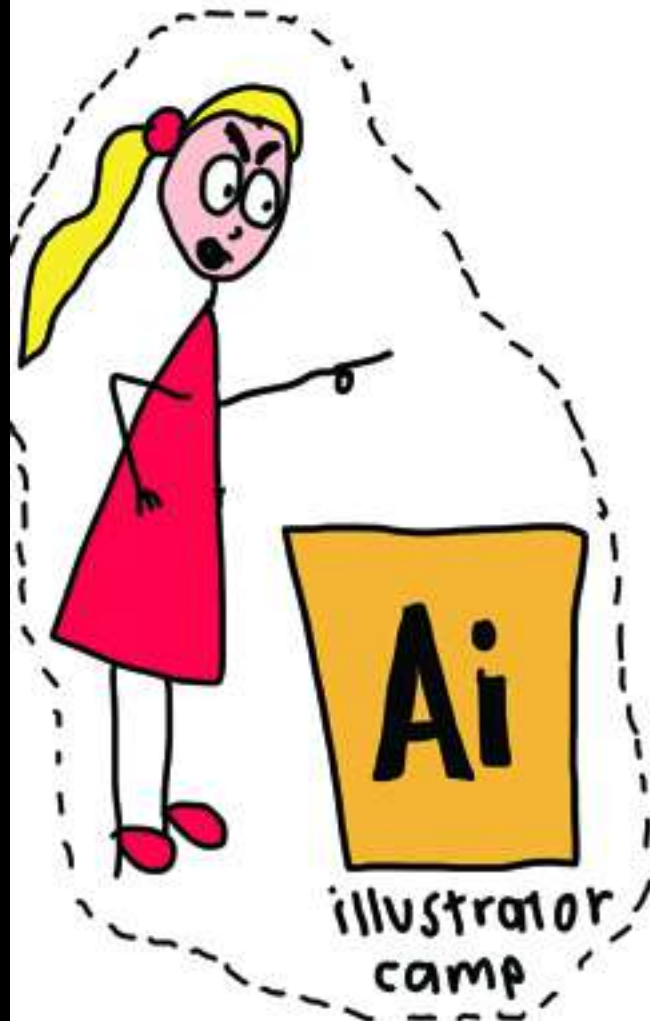


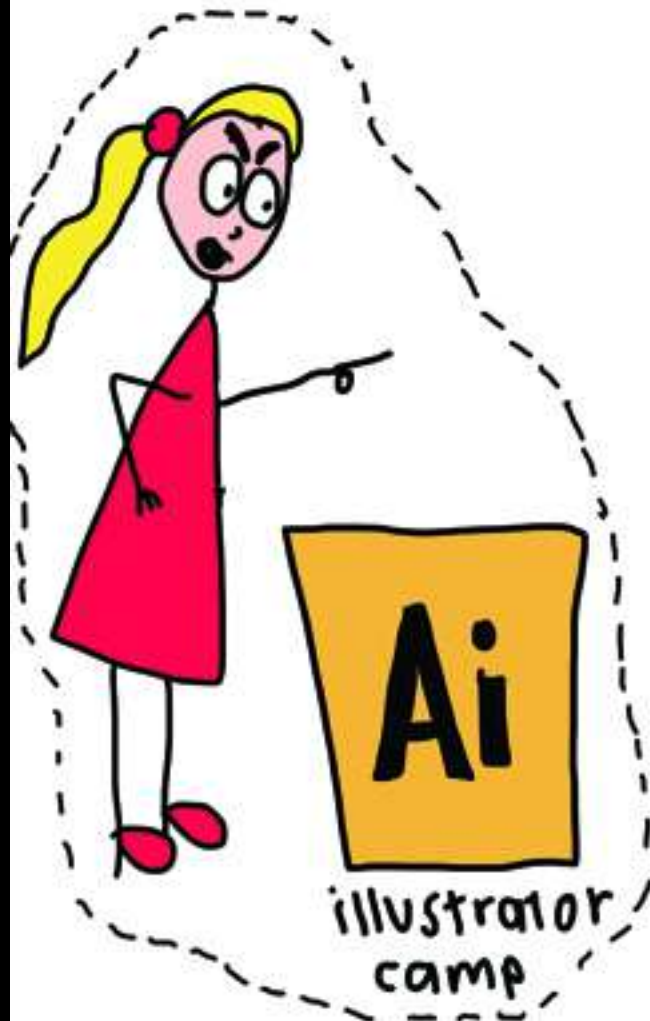
Wha...



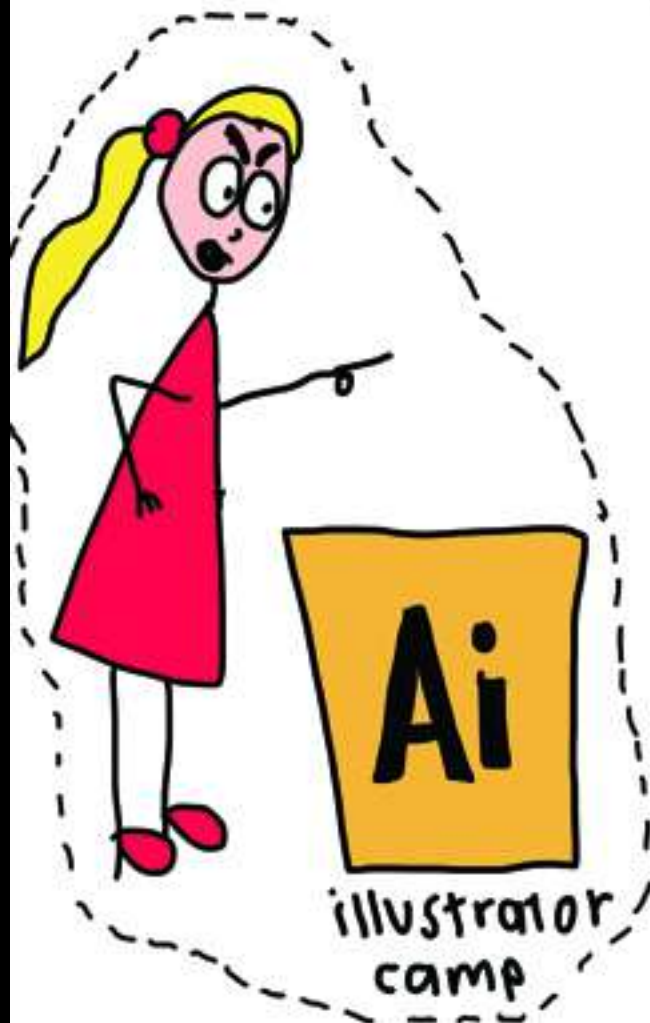
PAINT FILL !!

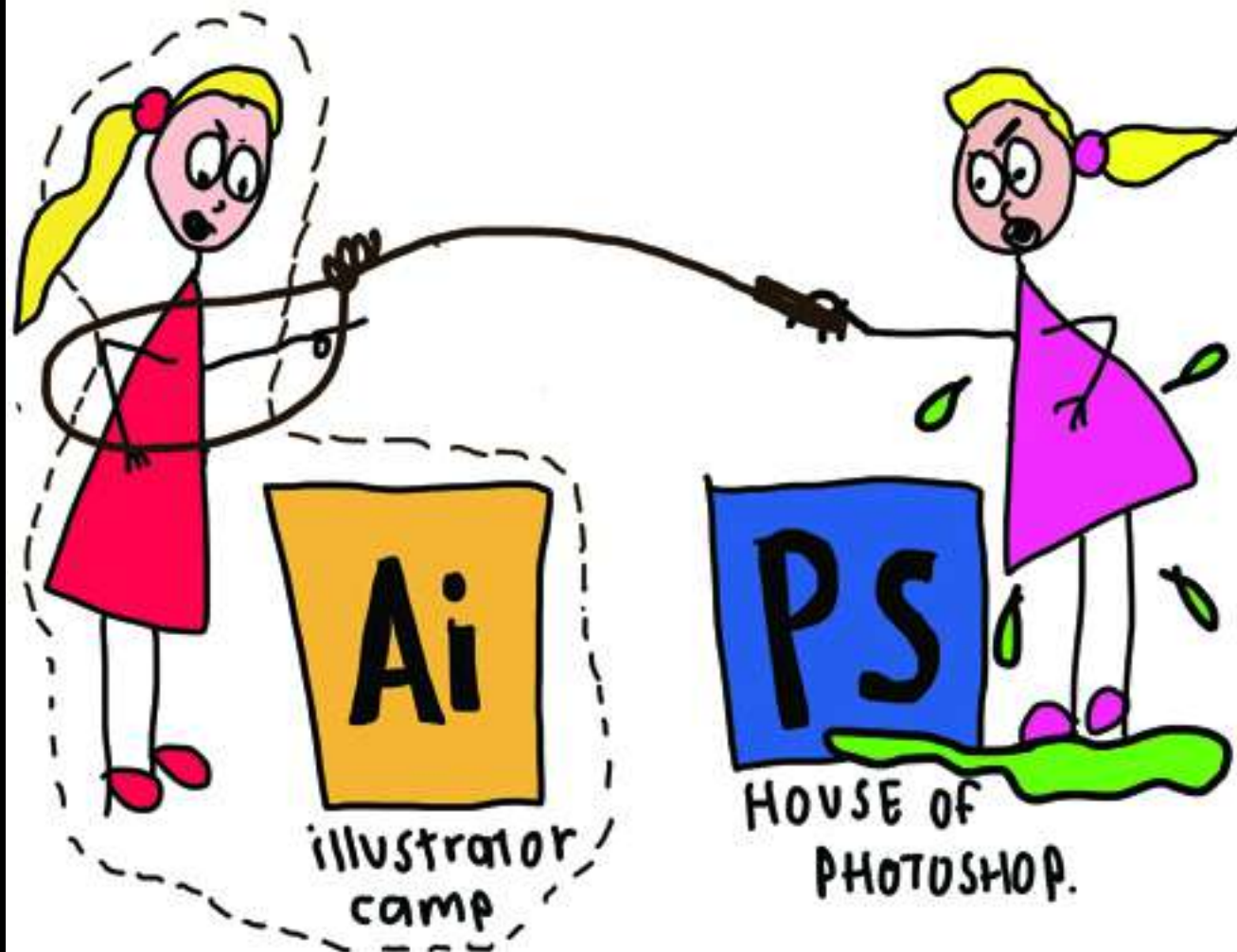




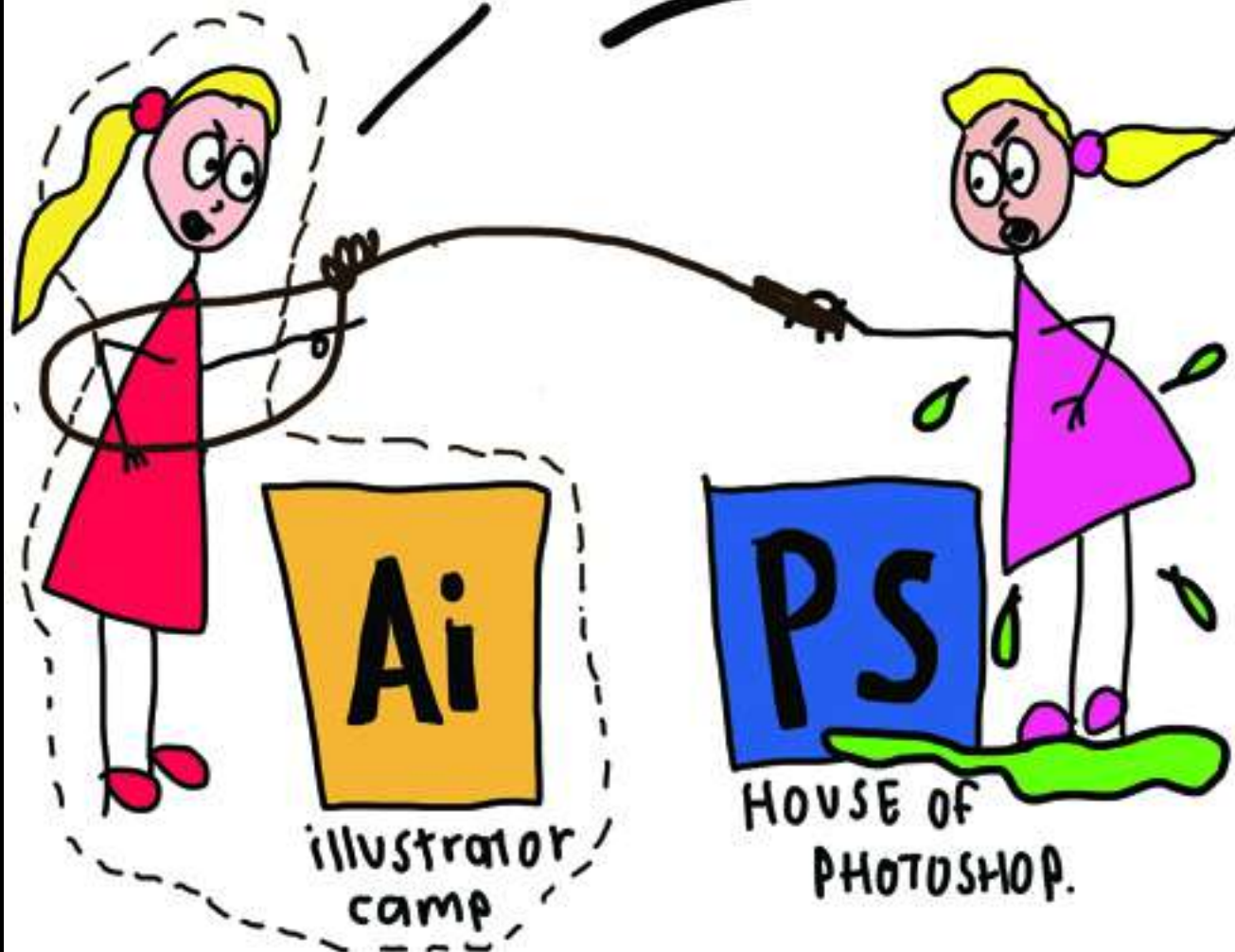


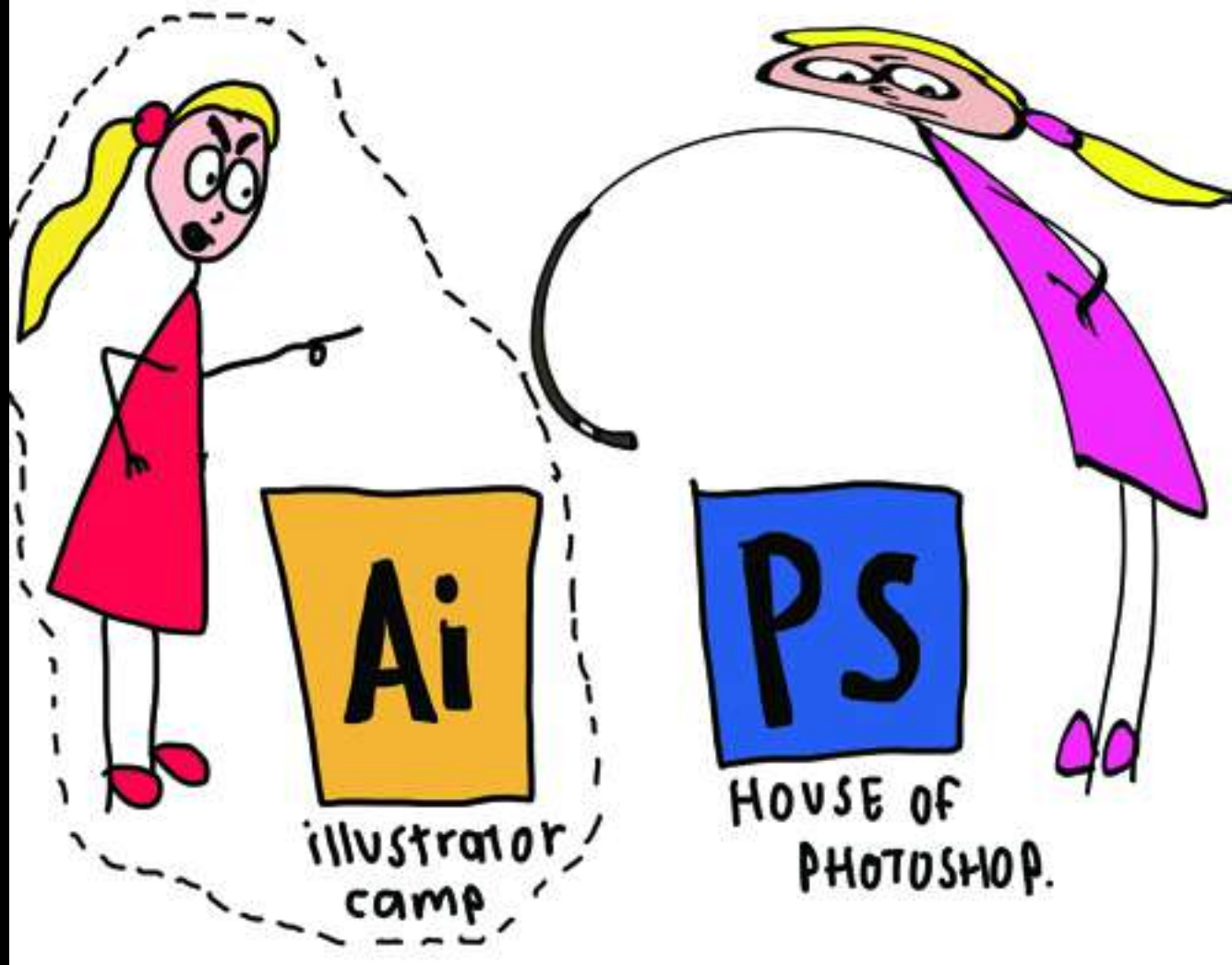
Lasso!!



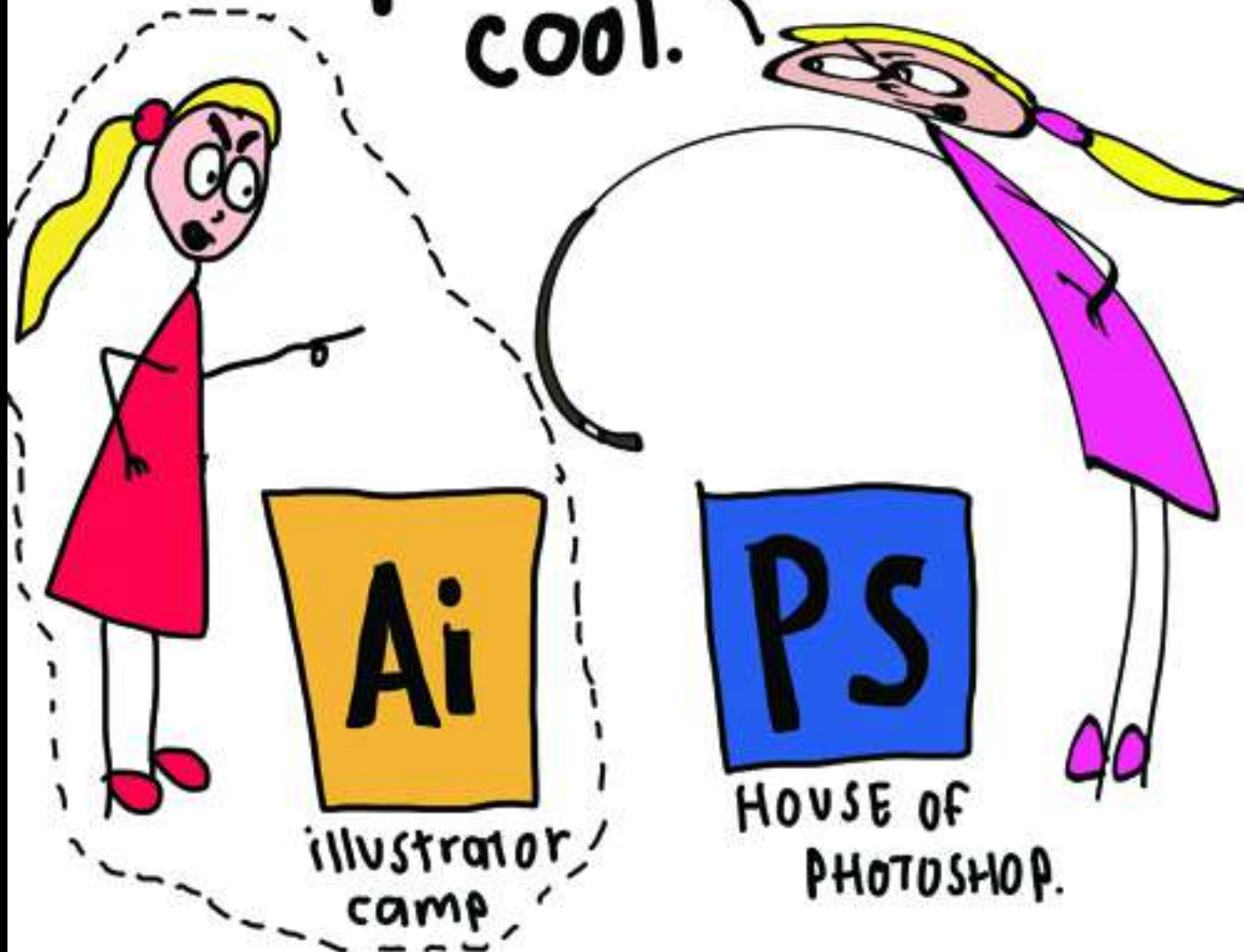


DISTORT!!

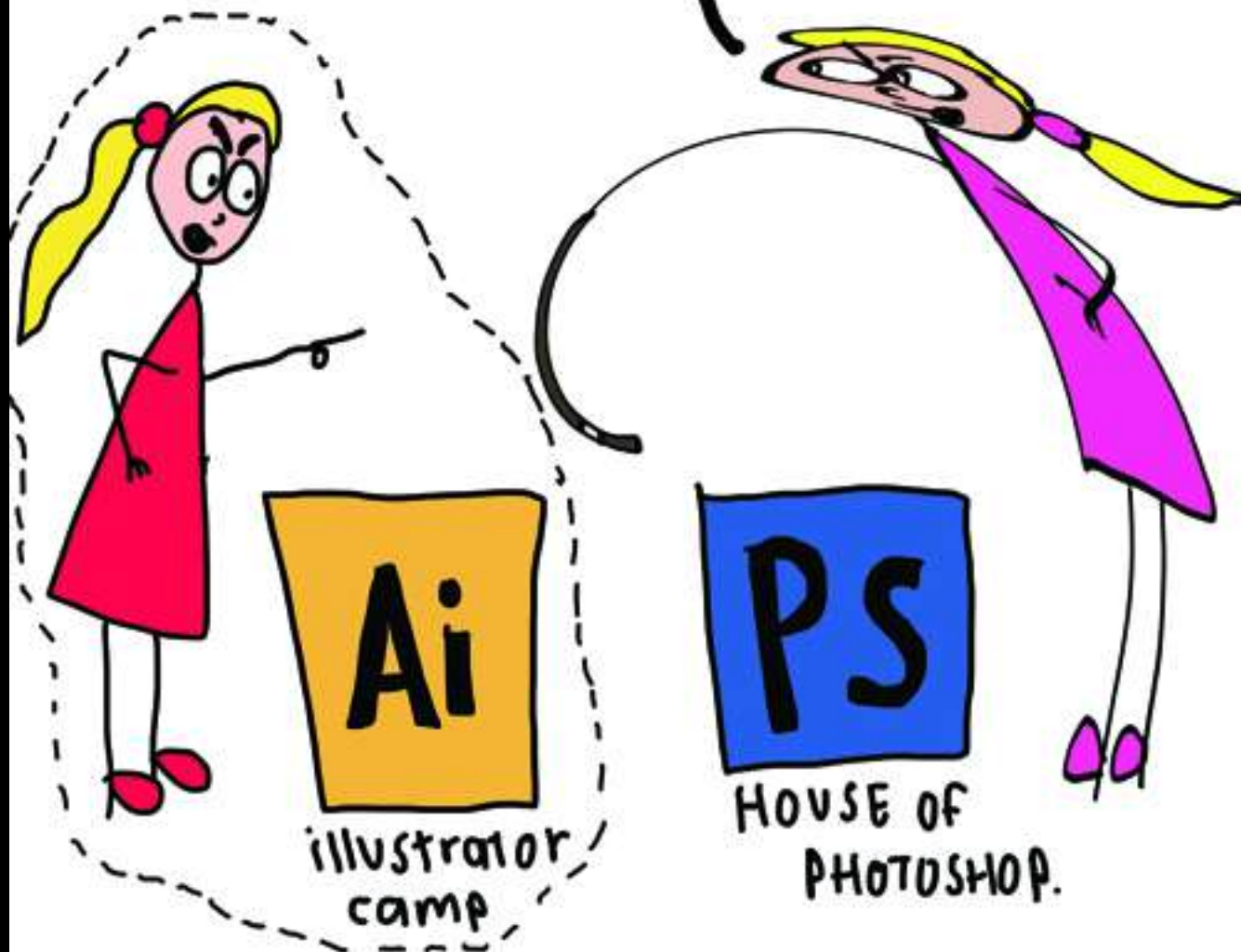


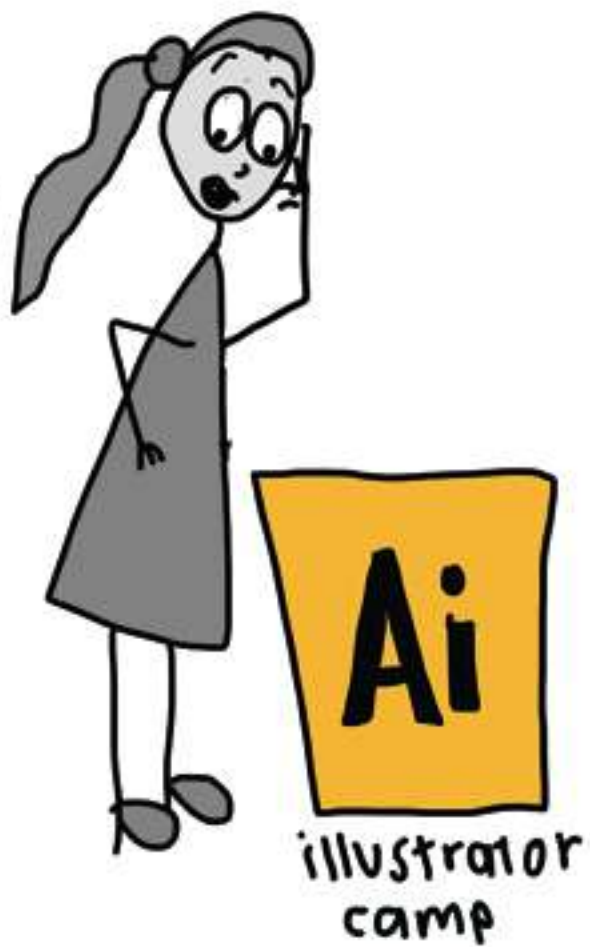


ok.
NOT.
cool.

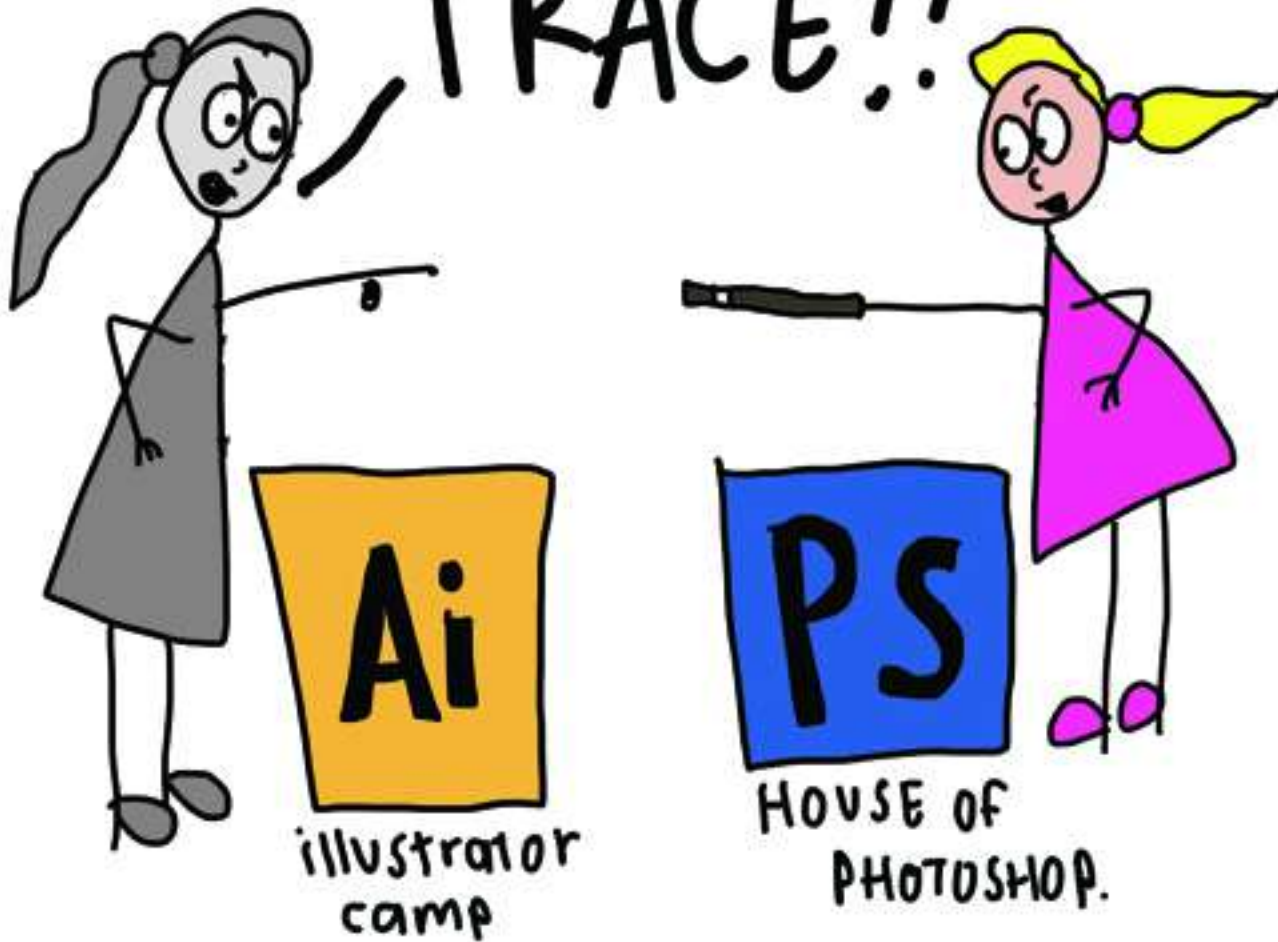


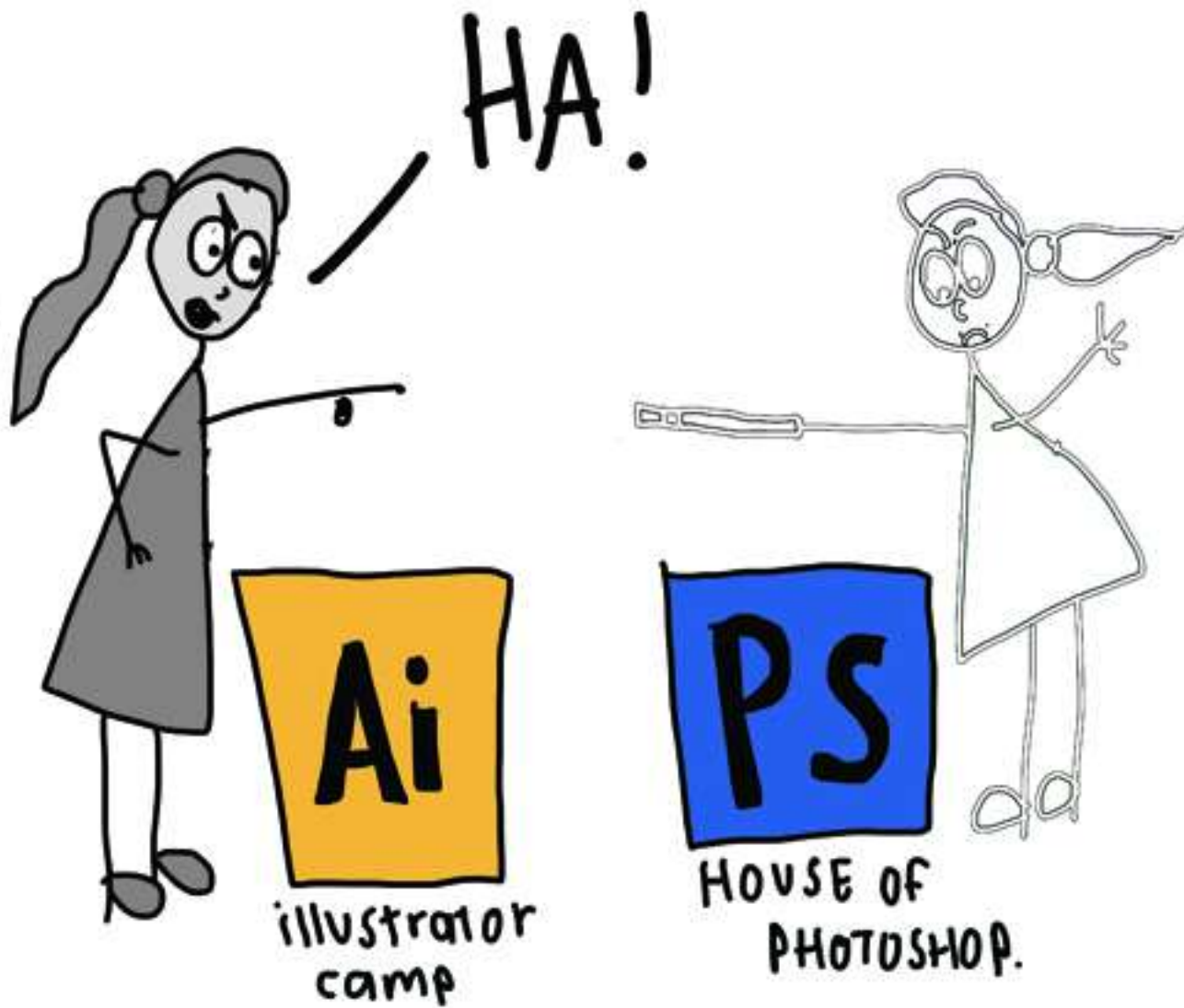
DESATURATE!!!





Live TRACE!!



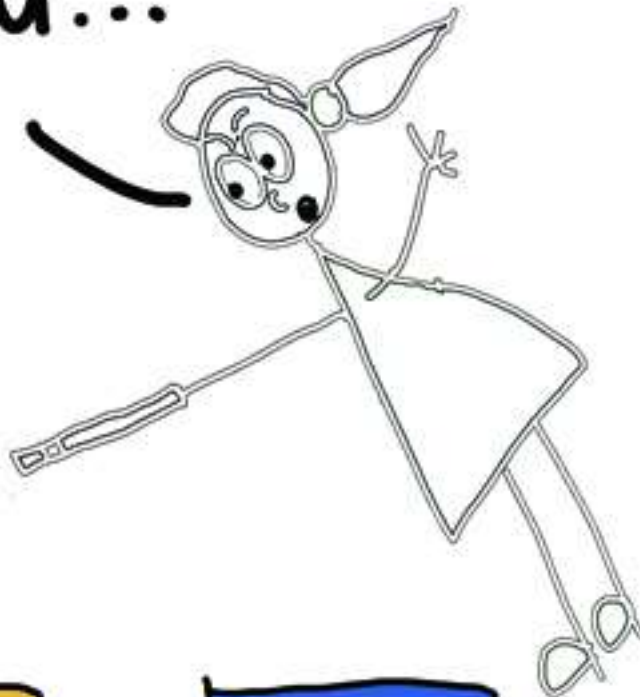


Why, you...

...



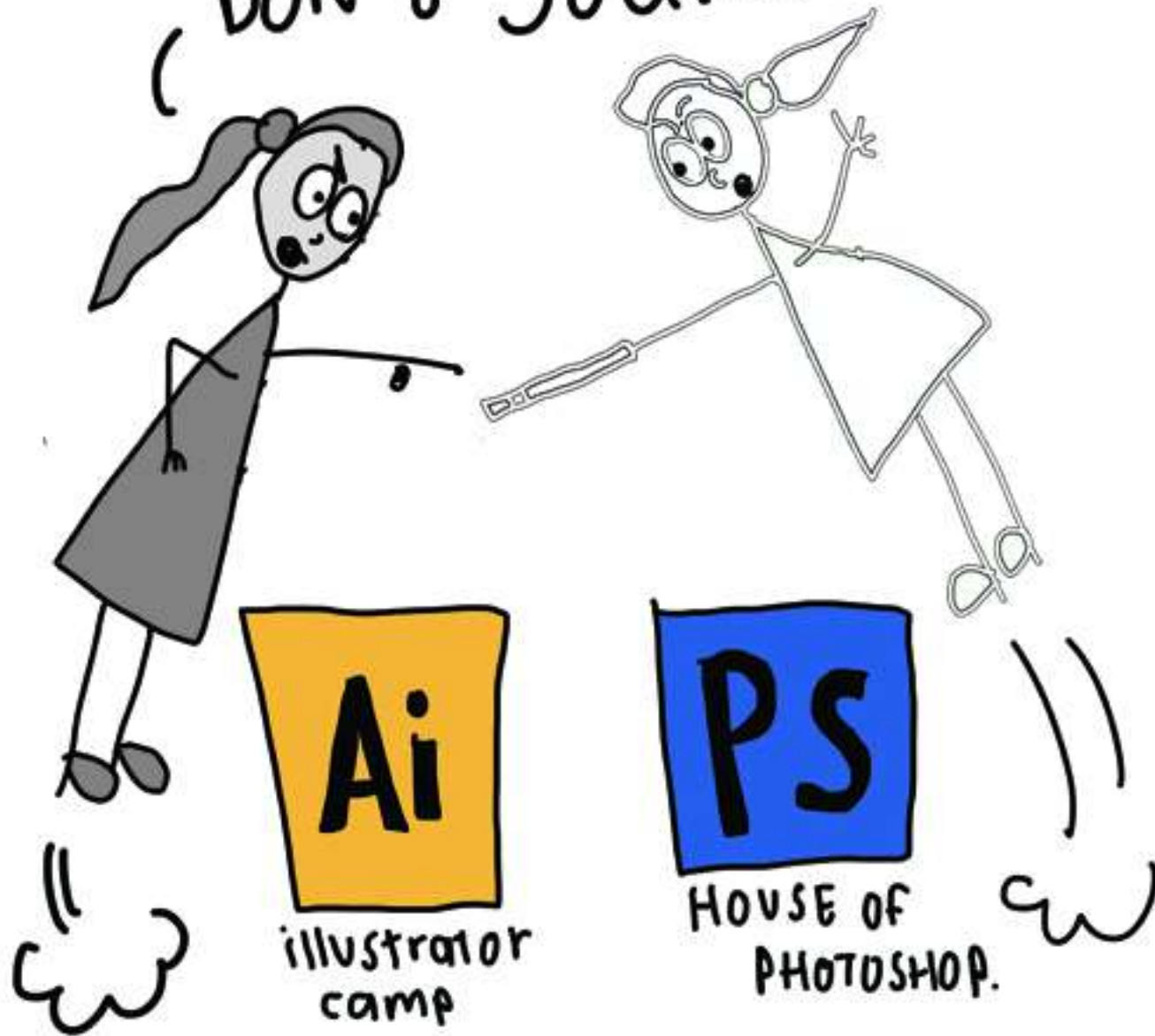
illustrator
camp



HOUSE OF
PHOTOSHOP.



Don't You....

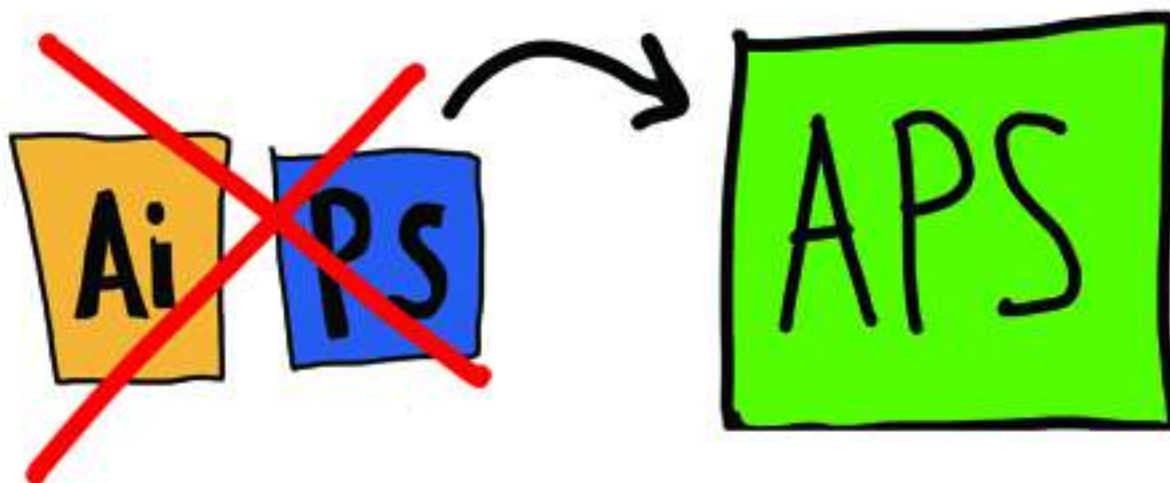




INTRODUCING:



ADOBE
PHOTOSTRATOR



... gaaa ...





NO, ME!!!

