



MENTAL CAPACITY

'men-t^əl k^ə-' pa-s^ə-tē

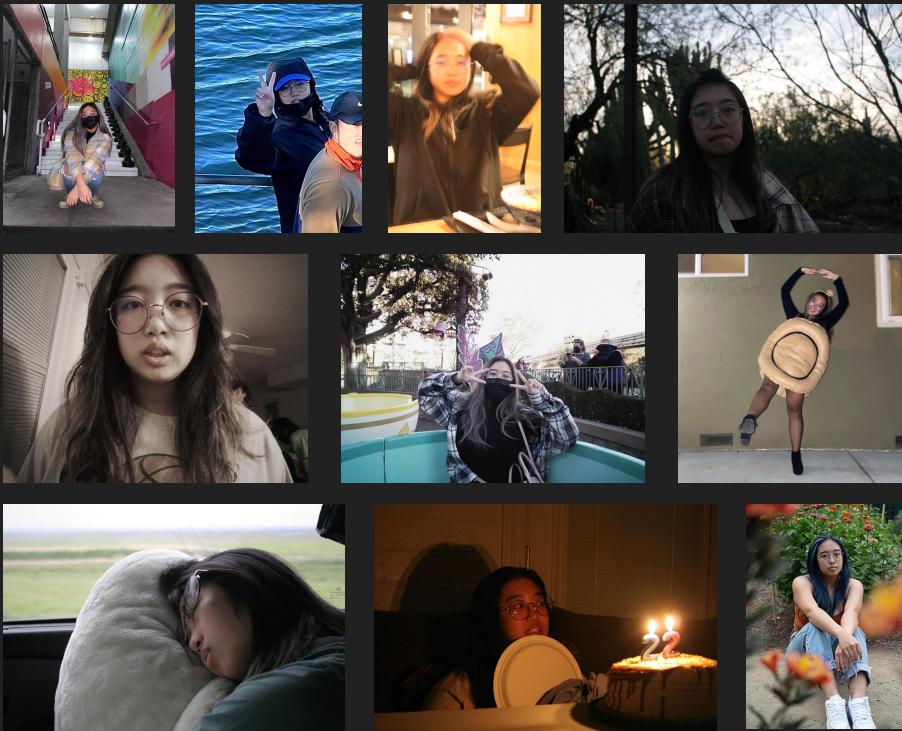
A compilation of gifs that represent the chaos going through my mind as I go through finals season.

I used images from throughout the semester to dial everything in to the last few weeks of the semester, and then pixelated those images to be a representation of my brain cells. From there, I glitched those pixelated images to represent my brain feeling overwhelmed and overstimulated. Using those images, I created 10 gifs from each image which visualizes my brain and the millions of things going on in my head.



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ORIGINAL IMAGES AND PIXELATION CODE



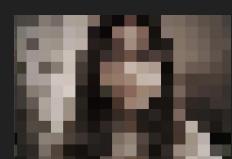
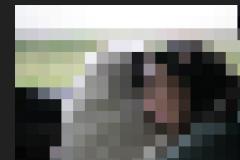
```
let img;
function preload() {
  img = loadImage("originalimages/me1.jpg");
}

function setup() {
  createCanvas(571, 800);
  pixelDensity(1); // Set pixel density to 1 for better performance
  img.resize(width, height);
  image(img, 0, 0);
  loadPixels();
}

let roundingFactor = 20; // Change this value to adjust the pixel size

for (let x = 0; x < width; x += roundingFactor) {
  for (let y = 0; y < height; y += roundingFactor) {
    let loc = (x + y * width) * 4;
    let r = pixels[loc];
    let g = pixels[loc + 1];
    let b = pixels[loc + 2];
    let a = pixels[loc + 3];
    for (let i = 0; i < roundingFactor; i++) {
      for (let j = 0; j < roundingFactor; j++) {
        let index = ((x + i) + (y + j) * width) * 4;
        pixels[index] = r;
        pixels[index + 1] = g;
        pixels[index + 2] = b;
        pixels[index + 3] = a;
      }
    }
  }
}
updatePixels();
```

PIXELATING TO DIFFERENT PIXEL SIZES



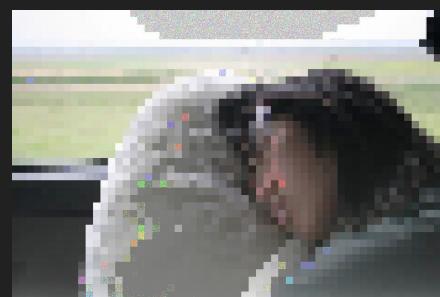
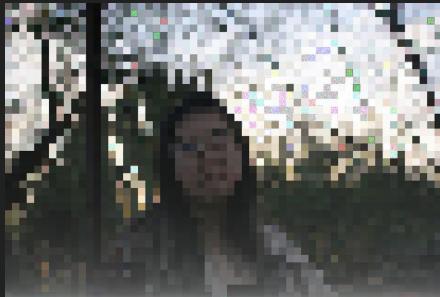
Size: 40 pixels

Size: 40 pixels

Size: 60 pixels

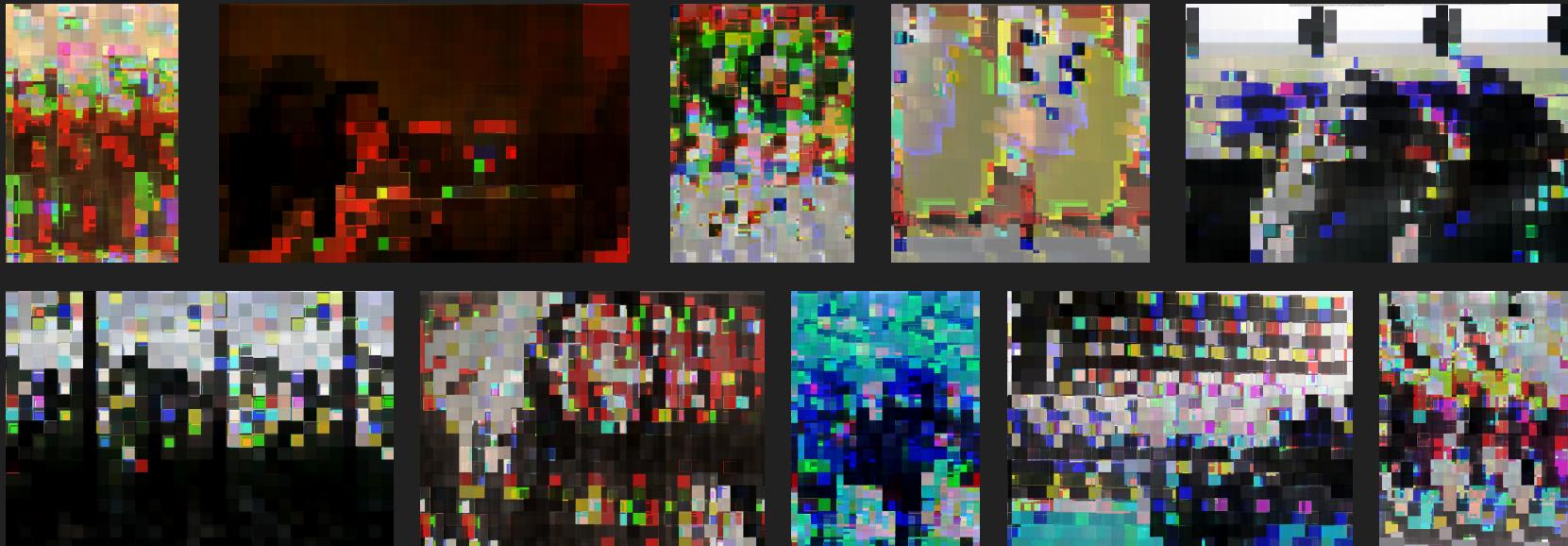
GLITCHING (20 pixel sized images)

- Used fadeout filter on audacity
 - Me fading out during working
- Wanted the little artifacts to go with the flow into a normal image



GLITCHING (40 pixel size images)

- Used delay filter on audacity
 - Delayed reactions or realizations from long periods of working
- Not quite the full image but closer



GLITCHING (60 pixel size images)

- Used phaser filter on audacity
 - Represents the millions of things going on during finals season to make me overwhelmed/overstimulated
- Difficult to see what the image actually looks like

