Process & Decision Documentation

Project/assignment Decisions

Learned how to convey an emotion with a blob and changed visual aspects of the blob.

GenAI Documentations
(please copy paste this link to see my full chatgpt conversation)
https://chatgpt.com/share/69795747-8bd8-800b-bda3-153790ba402f

can you change the emotion of the blob to portray love

```javascript
// Y-position of the floor (ground level)
let floorY3;

// Player character (soft, animated blob)
let blob3 = {
  // Position (centre of the blob)
  x: 80,
  y: 0,

  // Visual properties
  r: 26, // Base radius
  points: 48, // Number of points used to draw the blob
  wobble: 7, // Edge deformation amount
  wobbleFreq: 0.9,

  // Time values for breathing animation
  t: 0,
  tSpeed: 0.01,

  // Physics: velocity
  vx: 0, // Horizontal velocity
  vy: 0, // Vertical velocity

  // Movement tuning
  accel: 0.55, // Horizontal acceleration
  maxRun: 4.0, // Maximum horizontal speed
  gravity: 0.65, // Downward force
  jumpV: -11.0, // Initial jump impulse

  // State
  onGround: false, // True when standing on a platform
```

1 Change the blob's color + heartbeat pulse

Replace your `drawBlobCircle` with this version:

```js
function drawBlobCircle(b) {
  // Heartbeat pulse (slow + gentle)
  const pulse = sin(b.t * 2) * 2;

  // Soft pink / love color
  fill(255, 105, 180);

  beginShape();

  for (let i = 0; i < b.points; i++) {
    const a = (i / b.points) * TAU;

    // Noise wobble (softened)
    const n = noise(
      cos(a) * b.wobbleFreq + 100,
      sin(a) * b.wobbleFreq + 100,
      b.t
    );

    const r =
      b.r +
      pulse + // heartbeat
      map(n, 0, 1, -b.wobble * 0.6, b.wobble * 0.6);

    // Slight vertical squash = tenderness
```

js   Copy code