

Side Quests and A4 (Individual Work)

Keep this section brief, typically 2 to 4 sentences.

To complete the assignment, I changed the frequency and movement of the blob to express my emotion – anxiety. I then made the blob red and the background black to further make the environment feel stressful.

No AI was used for this task.

Appendix

The screenshot shows two separate commits in a GitHub repository named `bdamani_sidequest_W2` on the `main` branch.

Commit 1: Change of frequency and colour for anxiety

This commit, authored by Bela Damani on 14 days ago, adds a new file `sketch.js` and changes `vscode\settings.json`. The `sketch.js` file contains code for drawing a blob using Perlin noise with specific parameters:12 - points: 48, // Number of points used to draw the blob
13 - wobble: 7, // Edge deformation amount
14 - wobblefreq: 0.9,
15
16 + points: 10, // Number of points used to draw the blob
17 + wobble: 70, // Edge deformation amount
18 + wobblefreq: 0.2, // Edge deformation frequency
19
20 // Time values for breathing animation
21 t: 0,
22
23 @@ -63,10 +63,10 @@ function setup() {
24
25 }
26
27 function draw() {
28 - background(240);
29 + background(0, 0, 0);
30
31 // --- Draw all platforms ---
32 - fill(200);
33 + fill(300);
34
35 for (const p of platforms) {
36 rect(p.x, p.y, p.w, p.h);
37 }
38
39 @@ -154,7 +154,7 @@ function overlap(a, b) {
40
41 // Draws the blob using Perlin noise for a soft, breathing effect
42 function drawBlobCircle(b) {
43 fill(200, 0, 0);
44 fill(200, 0, 0); // Blob colour, red for anxiety
45 beginShape();
46
47 for (let i = 0; i < b.points; i++) {
48 vertex(b.x + (b.w / 2) * Math.sin(i * (Math.PI / b.points)), b.y + (b.h / 2) * Math.cos(i * (Math.PI / b.points)));
49 }
50 endShape();
51
52 }
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54 }
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The screenshot shows a GitHub desktop interface with a pull request merged into the 'main' branch. The top bar includes 'File', 'Edit', 'View', 'Repository', 'Branch', and 'Help' menus. The repository dropdown shows 'Current repository bdamani.sidequest.W2'. The branch dropdown shows 'Current branch main'. The status bar indicates 'Fetch origin Last fetched 1 minute ago'. The left sidebar lists commit history:

- Changes** tab selected.
- History** tab.
- ! Select branch to compare...**
- Update README.md** by Bela Damani • 14 days ago
- Process and Decision Doc Added** by Bela Damani • 14 days ago
- deleted file and comments added** by Bela Damani • 15 days ago
- deleted file and comments added** by Bela Damani • 15 days ago (highlighted in blue)
- Update sketch.js** by Bela Damani • 15 days ago
- Change of frequency and colour for an...** by Bela Damani • 15 days ago
- Create .DS_Store** by Karen Cochrane • 15 days ago
- Example 3 Added** by Karen Cochrane • 15 days ago
- Initial commit** by Karen Cochrane • 15 days ago

The main pane displays the merge commit details:

deleted file and comments added

Bela Damani 82f570a

2 changed files

	.gitattributes
1	@@ -1,2 +0,0 @@
2	- # Auto detect text files and perform LF normalization
	* text=auto

.gitattributes

README.md

Fetch origin Last fetched 1 minute ago

The screenshot shows a GitHub repository interface with the following details:

- Current repository:** bdamani_sidequest_W2
- Current branch:** main
- Last fetched:** 2 minutes ago

The main area displays a commit history for the file `README.md`:

- Update README.md** (Bela Damani, 6ee58dd, 14 days ago)
 - Process and Decision Doc Added** (Bela Damani, 14 days ago)
 - deleted file and comments added** (Bela Damani, 15 days ago)
 - Update sketch.js** (Bela Damani, 15 days ago)
 - Change of frequency and colour for an...** (Bela Damani, 15 days ago)
 - Create_DS_Store** (Karen Cochrane, 15 days ago)
 - Example 3 Added** (Karen Cochrane, 15 days ago)
 - Initial commit** (Karen Cochrane, 15 days ago)
- Update README.md** (Bela Damani, 6ee58dd, 14 days ago)
 - Process and Decision Doc Added** (Bela Damani, 14 days ago)
 - deleted file and comments added** (Bela Damani, 15 days ago)
 - Update sketch.js** (Bela Damani, 15 days ago)
 - Change of frequency and colour for an...** (Bela Damani, 15 days ago)
 - Create_DS_Store** (Karen Cochrane, 15 days ago)
 - Example 3 Added** (Karen Cochrane, 15 days ago)
 - Initial commit** (Karen Cochrane, 15 days ago)

A detailed view of the commit from Bela Damani (6ee58dd) is shown:

```
@@ -15,7 +15,7 @@ Adjustements made by Bela Damani
15 15
16 16 Adds several rectangular platforms. The blob is drawn as a noisy circle but collides using a simple axis-aligned
17 17 bounding box (AABB). X and Y are resolved separately to keep behaviour predictable and teachable.
18 - Adjustements: Tasked with changing the look and feel of the blob. I made it so that the emotion was anxiety, byt
   changing the frequency, the wobble and the colours. The blob is now more agitated and
18 + Adjustements: For the assignment we were tasked with changing the look and feel of the blob. I made it so that t
   he emotion was anxiety, byt changing the frequency, the wobble and the colours. The now red blob is now more agi
   tated and moves fast with sharper sides, and the background is black.
19 19
20 20 ---
21 21
22 22 @@ -39,4 +39,6 @@ N/A
23 23
24 24 The code was written by Dr. Karen Cochrane but she used GenAI to write the comments.
25 25
26 26 + No GenAI was used to adjust the code.
27 27 +
28 28 ---
```