

## 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

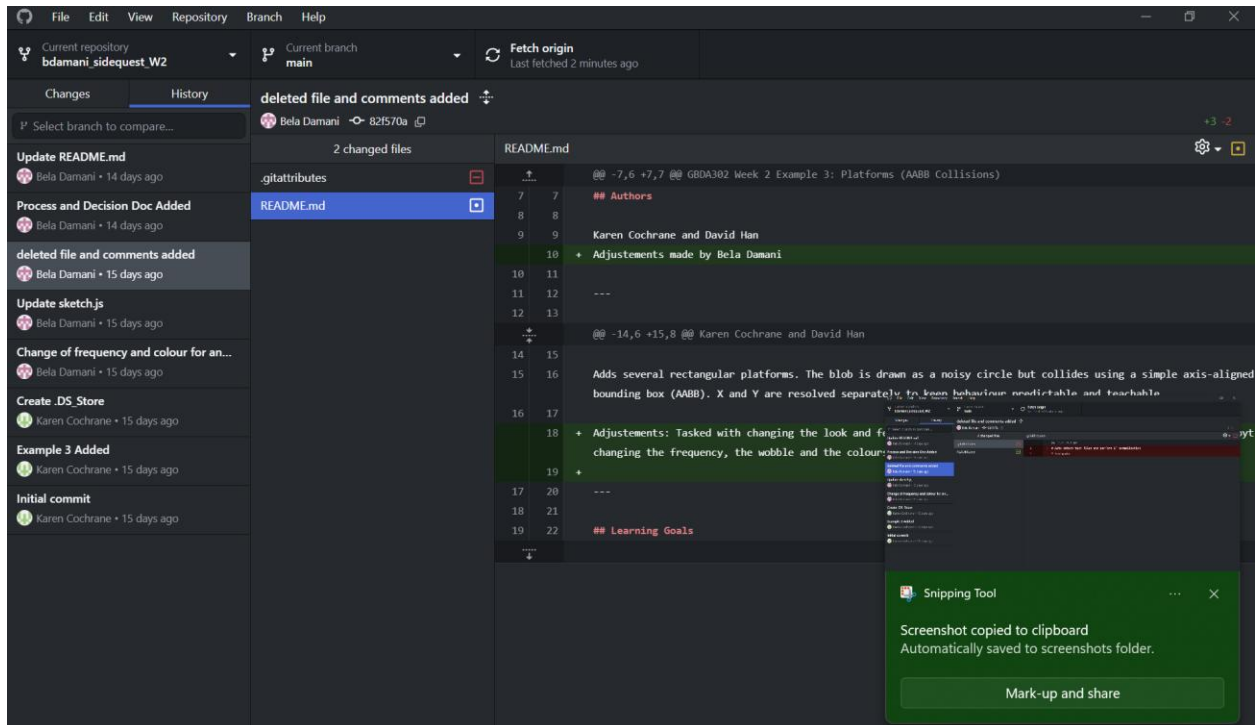
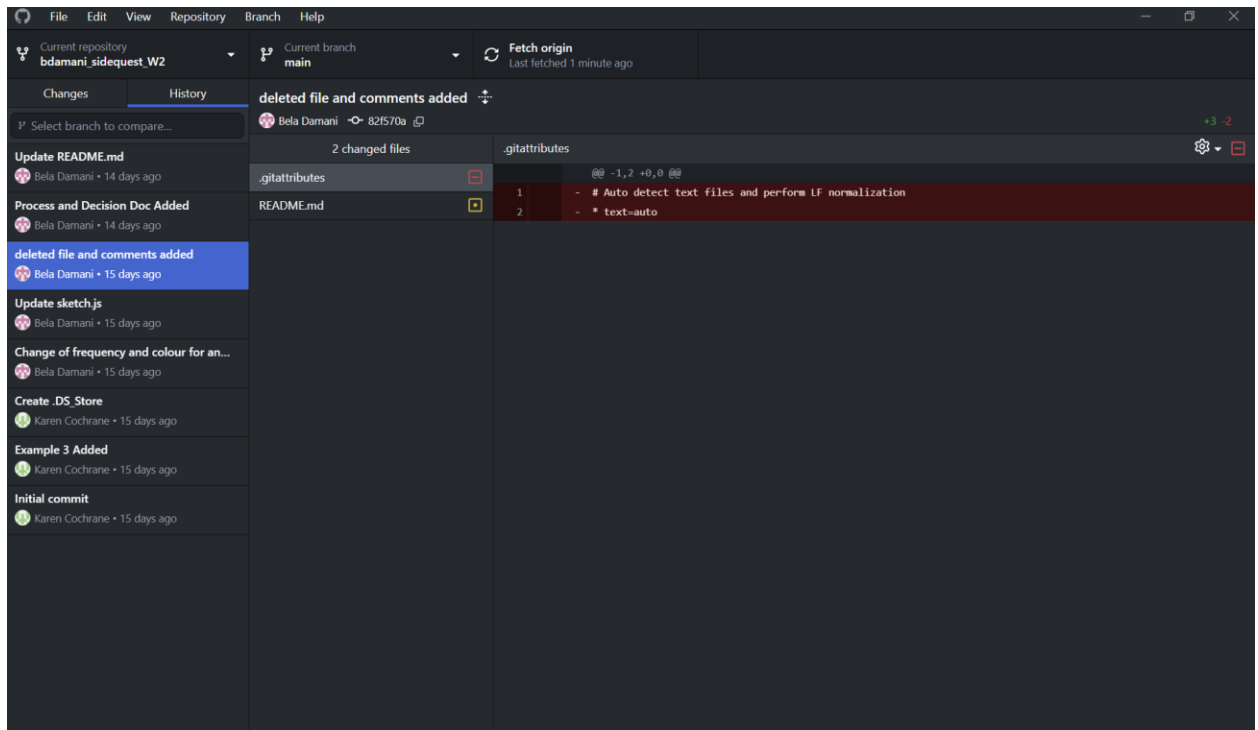
The screenshot shows the VS Code interface with the 'Changes' view on the left and the 'diff editor' on the right. The 'Changes' view shows a list of changes, including 'Update README.md', 'Process and Decision Doc Added', 'deleted file and comments added', 'Update sketch.js', 'Change of frequency and colour for an...', 'Create .DS\_Store', 'Example 3 Added', and 'Initial commit'. The 'diff editor' shows the changes in the 'sketch.js' file. The changes are highlighted in green and red. The diff shows the following changes:

```
12 - points: 48, // Number of points used to draw the blob
13 - wobble: 2, // Edge deformation amount
14 - wobblefreq: 0.9;
15 + points: 10, // Number of points used to draw the blob
16 + wobble: 20, // Edge deformation amount
17 + wobblefreq: 0.2, // Edge deformation frequency
18
19 // Time values for breathing animation
20 t: 0,
21
22 @@ -63,10 +63,10 @@ function setup() {
23
24 }
25
26 function draw() {
27 - background(240);
28 + background(0, 0, 0);
29
30 // --- Draw all platforms ---
31 - fill(200);
32 + fill(300);
33
34 for (const p of platforms) {
35   rect(p.x, p.y, p.w, p.h);
36 }
37
38 @@ -154,7 +154,7 @@ function overlap(a, b) {
39
40 // Draws the blob using Perlin noise for a soft, breathing effect
41 function drawBlobCircle(b) {
42 - fill(200, 100, 255);
```

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```
154 @@ -154,7 +154,7 @@ function overlap(a, b) {
155
156 // Draws the blob using Perlin noise for a soft, breathing effect
157 function drawBlobCircle(b) {
158 - fill(200, 0, 0);
159 + fill(200, 0, 0); // Blob colour, red for anxiety
160 beginShape();
161
162 for (let i = 0; i < b.points; i++) {
```

A 'Snipping Tool' window is open in the bottom right corner, displaying the message: 'Screenshot copied to clipboard. Automatically saved to screenshots folder. Mark-up and share'.



FileEditViewRepositoryBranchHelp

Current repository  
bdamani\_sidequest\_W2

Current branch  
main

Fetch origin  
Last fetched 2 minutes ago

ChangesHistory

I<sup>\*</sup> Select branch to compare...

Update README.md  
Bela Damani • 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

1 changed file

README.md

@@ -15,7 +15,7 @@ Adjustements made by Bela Damani

15 15

16 16

17 17

18 18

19 19

20 20

21 21

39 39

40 40

41 41

42 42

43 43

44 44

Adds several rectangular platforms. The blob is drawn as a noisy circle but collides using a simple axis-aligned bounding box (AABB). X and Y are resolved separately to keep behaviour predictable and teachable.

- 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

+ 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.

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@@ -39,4 +39,6 @@ N/A

The code was written by Dr. Karen Cochrane but she used GenAI to write the comments.

+ No GenAI was used to adjust the code.

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