

# Script to Download all Timeline Pictures from EyParent

## Overview

EyLog doesn't seem to provide a way of downloading all the pictures of your child's timeline. So I wrote a script to do it.

The script below will run in a PC browser, scroll to the bottom of your child's timeline and then give you a list of links to download, which once you download will give you lots of zip files with five pictures in them each.

This script doesn't save the files to the cloud or do anything nefarious, but has no guarantee that it'll work or won't crash your browser!

Note the EyParent website is slow and buggy, so we download the pictures in batches of five because otherwise the website may crash. I've tested this on the Microsoft Edge browser. It'll probably work on Google Chrome, no idea if it'll work on a Mac.

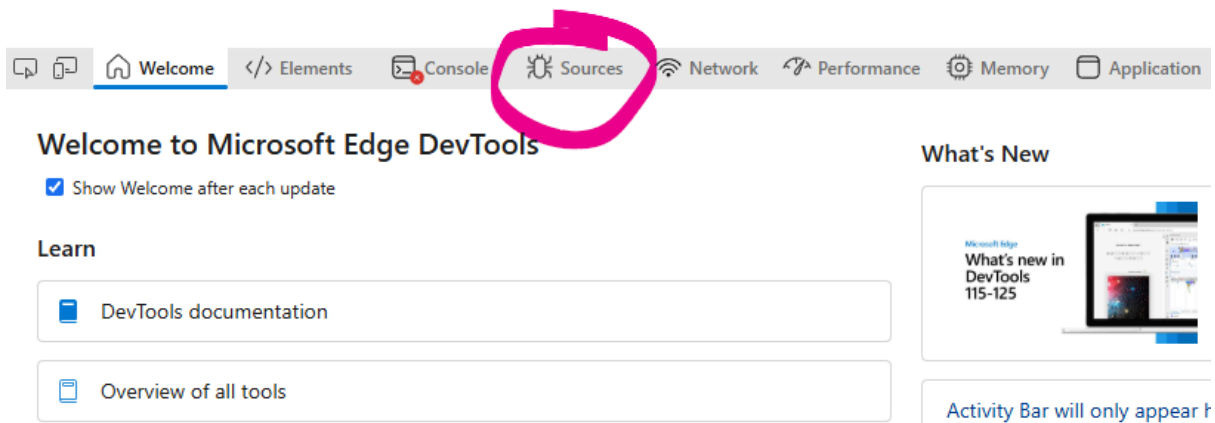
This process might still take several hours as the site is so slow. Therefore make sure you've made a cup of tea and do it on a laptop or computer that you're not going to need for a while.

## Disclosures

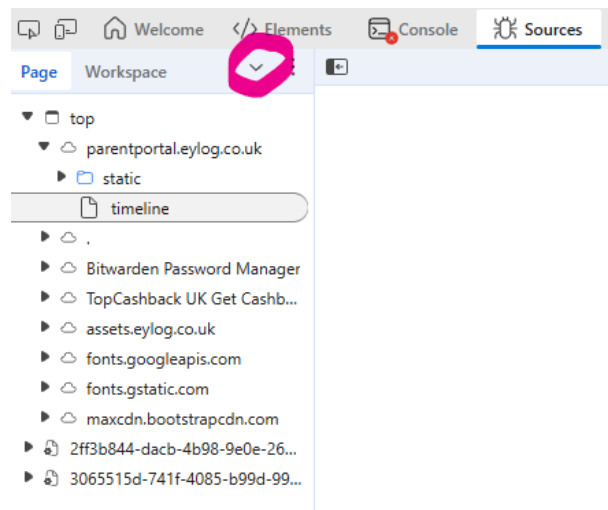
- This code was working as of 13th November 2025.
- This code automates actions in a way that may flag your activity as a bot and disable your account for safety (assuming their cyber security processes are working!). It does not do anything naughty, but may be in violation of their terms of service. You use at your own risk.
- This was 'vibe coded' with the help of Google Gemini. The conversation that generated this code can be found here: <https://gemini.google.com/share/db7ccd2ab01b>.
- This document and the code is hosted on GitHub in case it's useful to anyone else: <https://github.com/SiDtheTurtle/EyDownloader>.

# Method

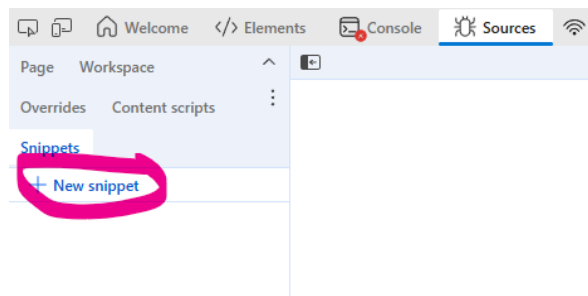
1. Go to <https://parentportal.eylog.co.uk/timeline> in Microsoft Edge. You'll need to log in with your EyParent details. You'll be greeted with a similar view to the app, and the last few days of the timeline.
2. On the right hand side of the browser, click on the three dots > more tools > developer tools (or press CTRL+SHIFT+i on your keyboard). This will open up the browser developer tools panel. Don't panic!
3. Click on the tab that says Sources.



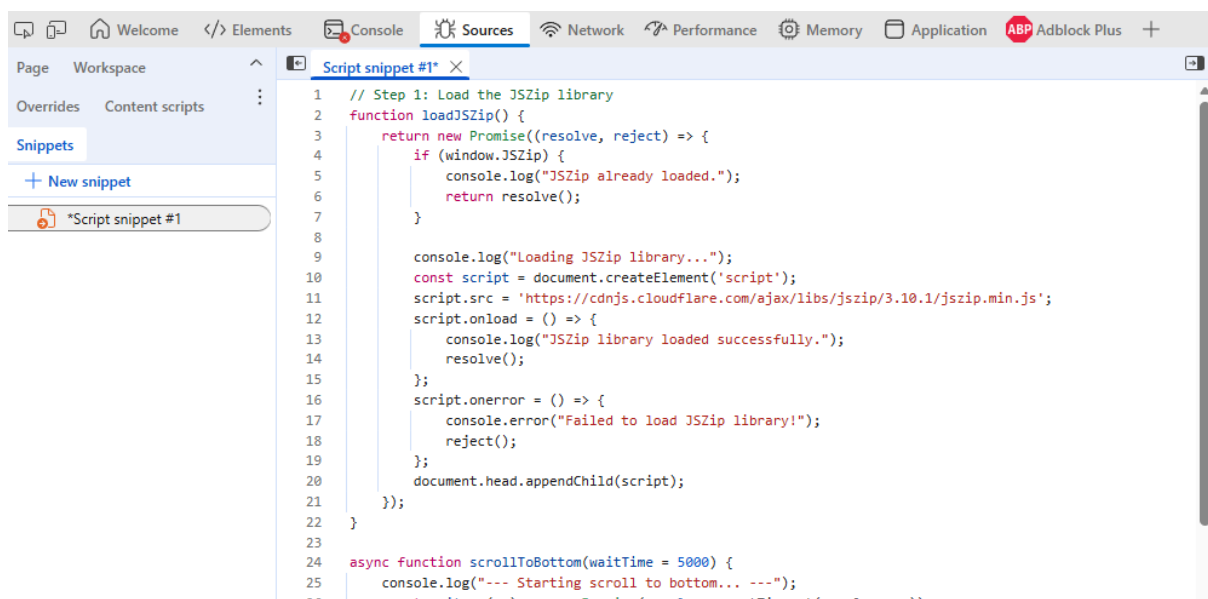
4. Within that you'll see two tabs called Page and Workspace. Click the down arrow next to it, which will give you more options.



5. Click Snippets and then New snippet.

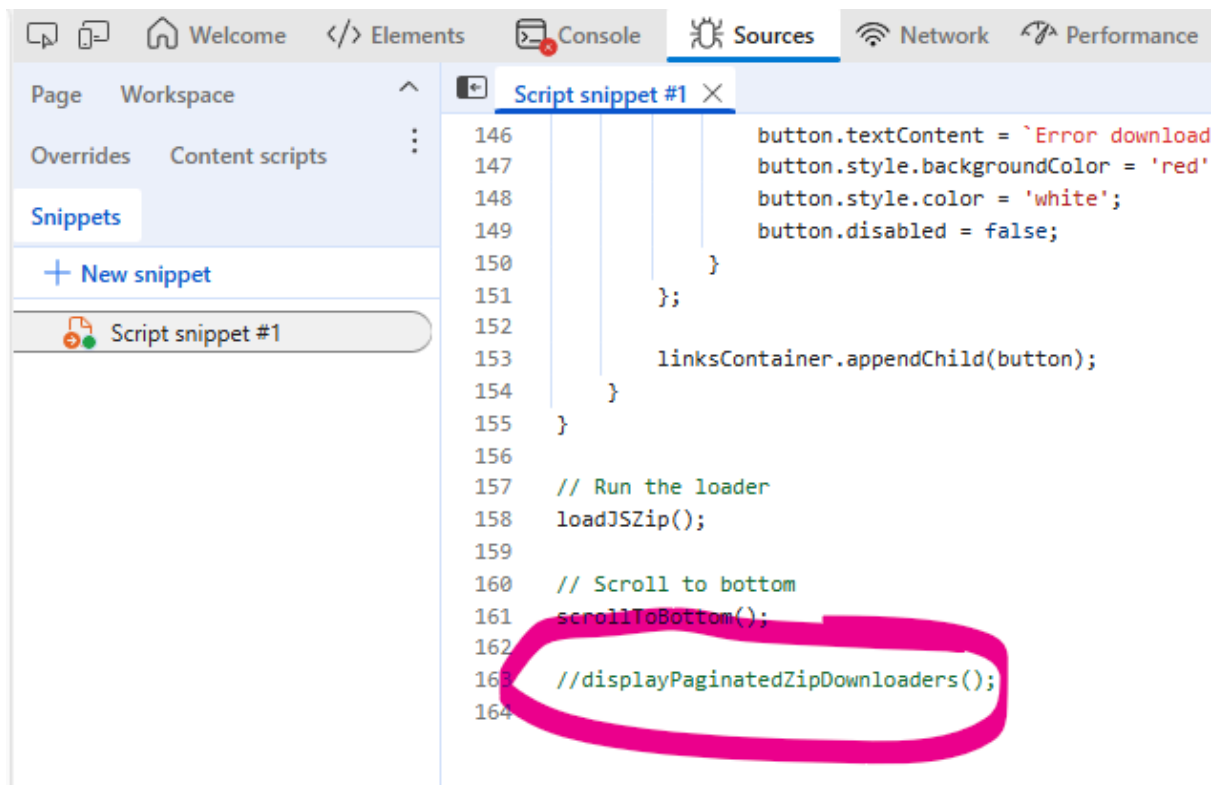


6. In the main window you'll see a blank area with the number 1 next to it. Copy everything in the 'Code' section at the end of this document and paste it in here. It'll look like this:



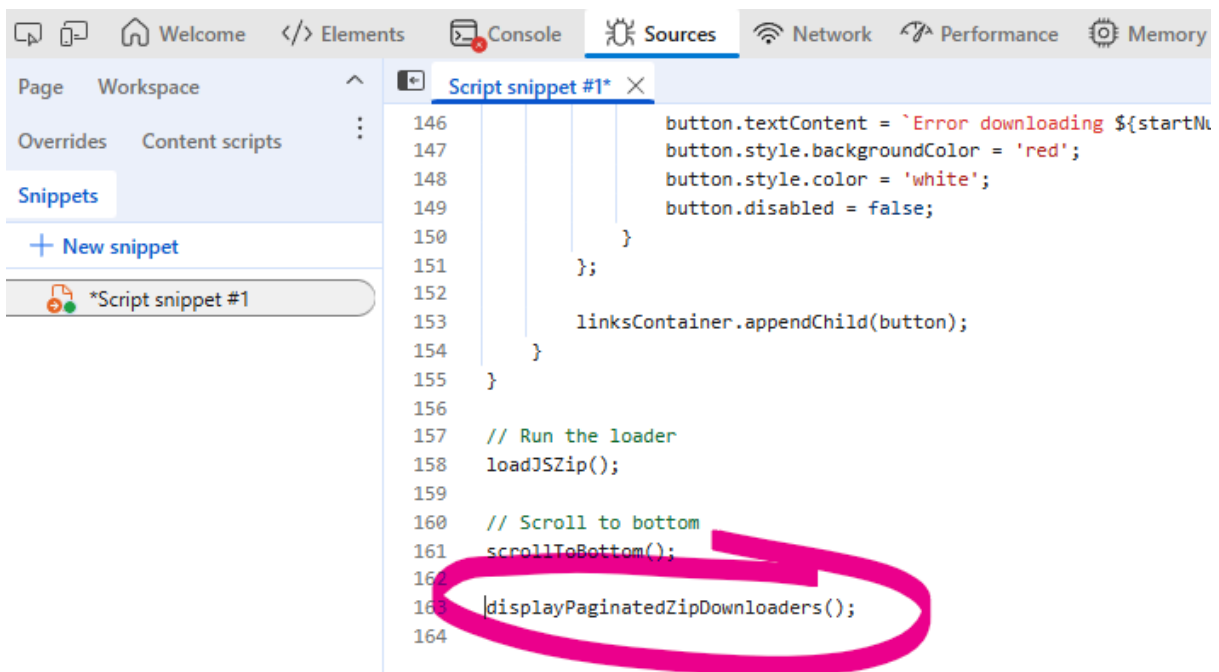
7. We're now ready to give it a try! What this code will now do is keep scrolling on the main page until either it reaches the bottom, or times out. Given how buggy the website is, it'll probably time out. So do the following:
  - a. Press **CTRL+ENTER** on your keyboard. This will start the script and start scrolling the webpage. Go make a cup of tea and wait until it gets to the bottom. It's very important you leave the browser alone and don't touch anything. If you do, the script might stop.
  - b. It'll basically wait 5 seconds for the page to scroll and stop if it doesn't scroll further. If it has timed out you might notice that it's stopped scrolling and the bottom of the page isn't the first entry from when your child started.
  - c. If so, press **CTRL+ENTER** again. Repeat until you reach the actual bottom. From my experience with two years of pictures, this took around 20 minutes.

8. Now we need to download all the pictures. Scroll to the bottom of the code and find the last line that's in green called `//displayPaginatedZipDownloaders()`;



```
146 button.textContent = `Error download
147 button.style.backgroundColor = 'red'
148 button.style.color = 'white';
149 button.disabled = false;
150 }
151 };
152
153 linksContainer.appendChild(button);
154 }
155 }
156
157 // Run the loader
158 loadJSZip();
159
160 // Scroll to bottom
161 scrollToBottom();
162
163 //displayPaginatedZipDownloaders();
164
```

9. Delete the two forward slashes at the start of the line so the text changes to black.

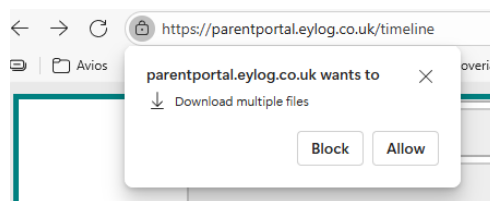


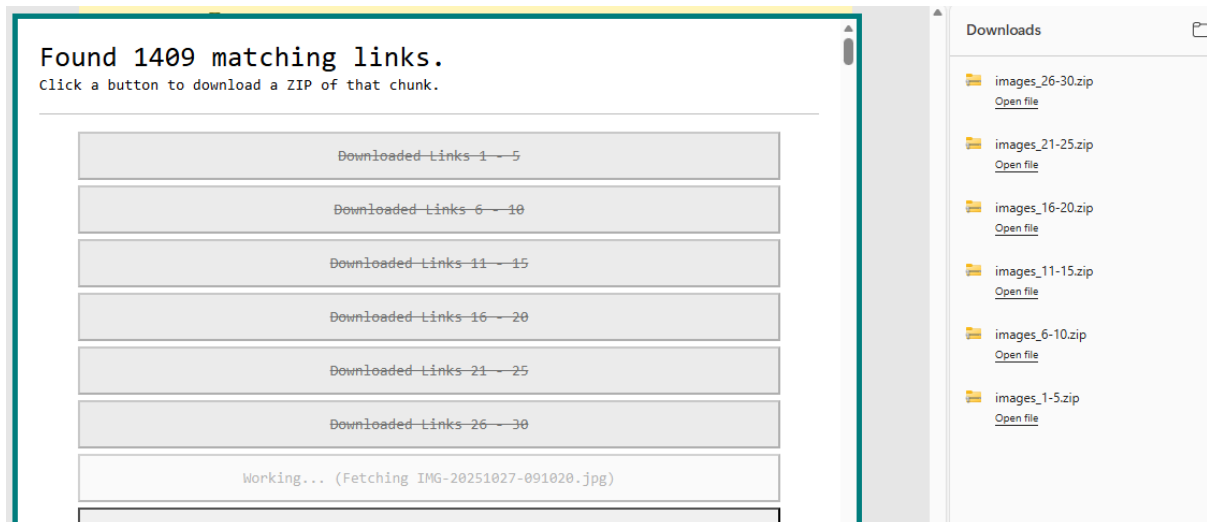
```
146 button.textContent = `Error downloading ${startNu
147 button.style.backgroundColor = 'red';
148 button.style.color = 'white';
149 button.disabled = false;
150 }
151 };
152
153 linksContainer.appendChild(button);
154 }
155 }
156
157 // Run the loader
158 loadJSZip();
159
160 // Scroll to bottom
161 scrollToBottom();
162
163 displayPaginatedZipDownloaders();
164
```

10. Press **CTRL+ENTER** again. You'll get a popup overlaying the timeline:

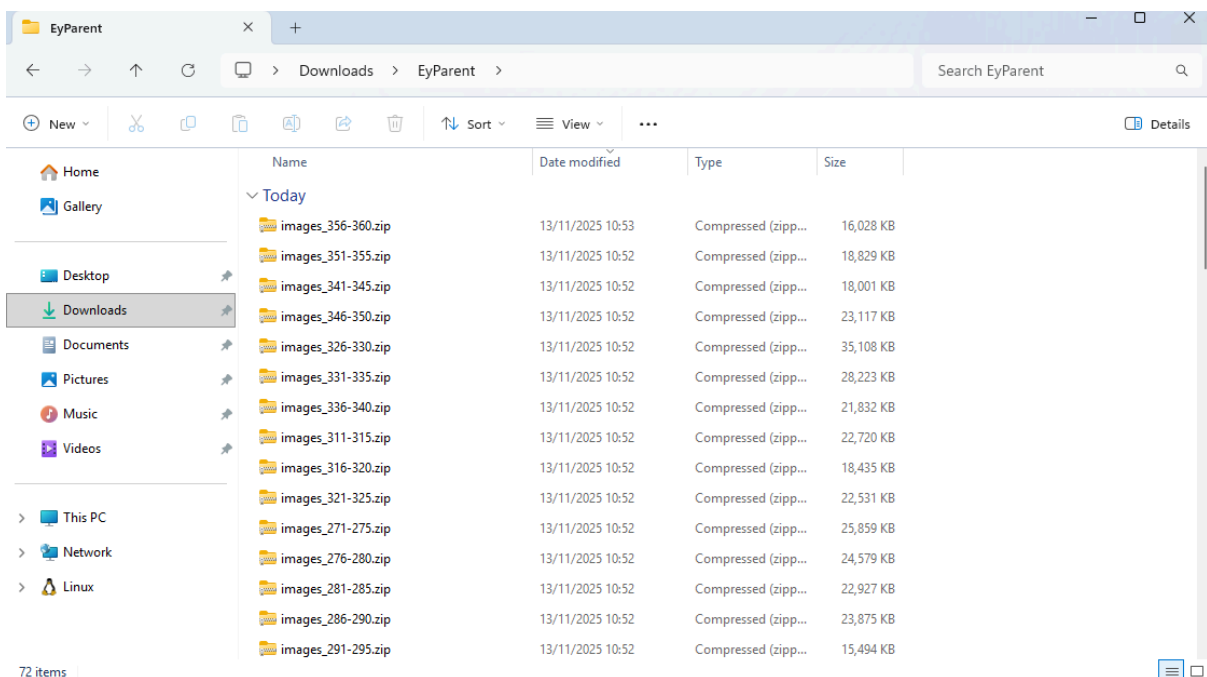


11. Now for the manual bit. We can't automate this without your browser thinking you're a dodgy website that's trying to download loads of files at once, which is often the behaviour of a virus! You'll need to click on each link in turn and save the file to your PC. As you go down the list you might find it starts to slow down, like really slow down. This is because the photos we're trying to download weren't loaded into the browser, so your browser has to start to fetch them. Try not to click on more than one at once, the script could crash or your browser might block them thinking it's a dodgy site. If you get a pop-up that says [parentportal.eylog.co.uk](https://parentportal.eylog.co.uk) wants to download multiple files, click Allow.





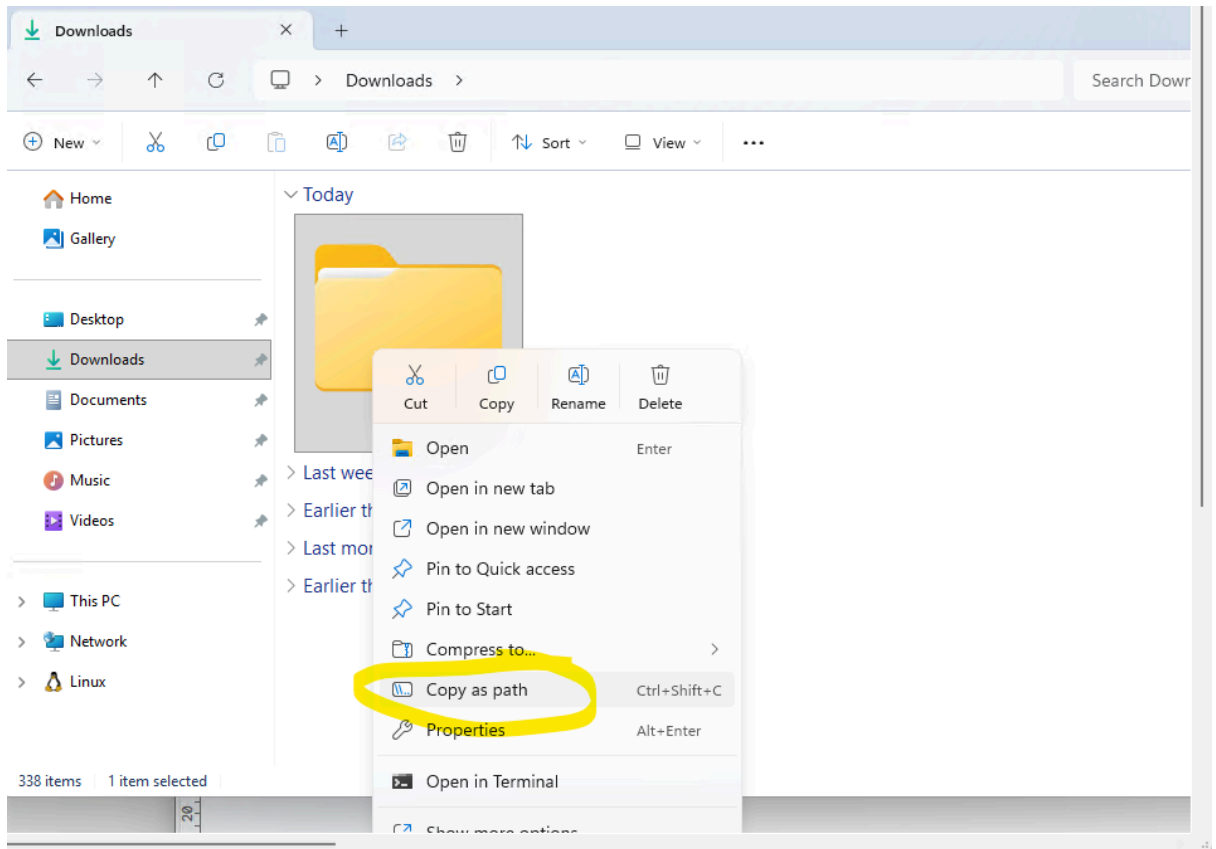
12. If for some reason the downloads stop working, just make sure your cursor is in the code screen again, and press CTRL+ENTER. This will reload the pop-up and allow you to continue.
13. Now you will have a folder with loads of zip files. You can unzip these one-by-one or carry on reading to do this in bulk.



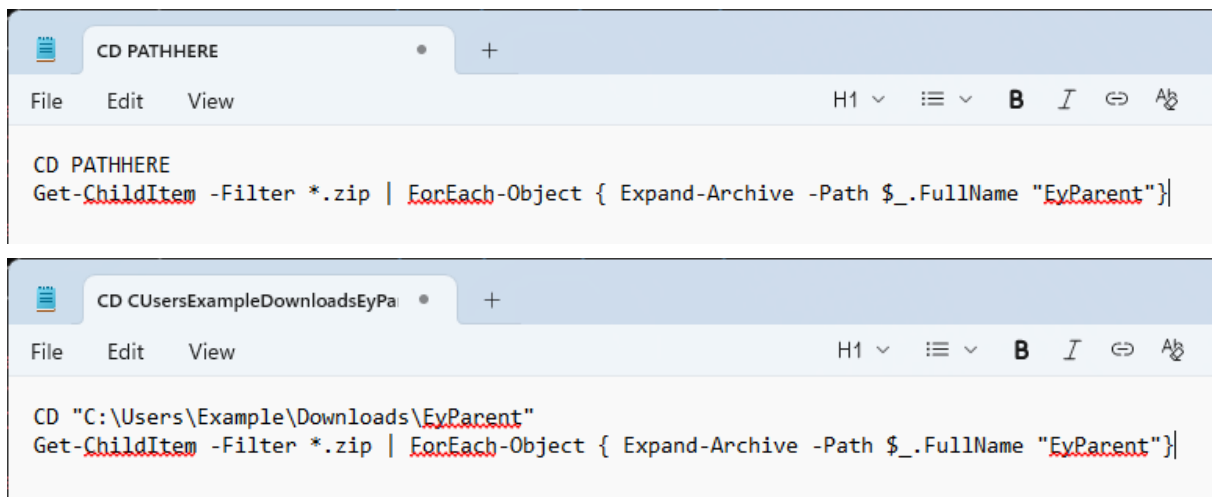
14. Open Notepad and paste the following text:

```
CD PATHHERE
Get-ChildItem -Filter *.zip | ForEach-Object { Expand-Archive
-Path $_.FullName "EyParent" }
```

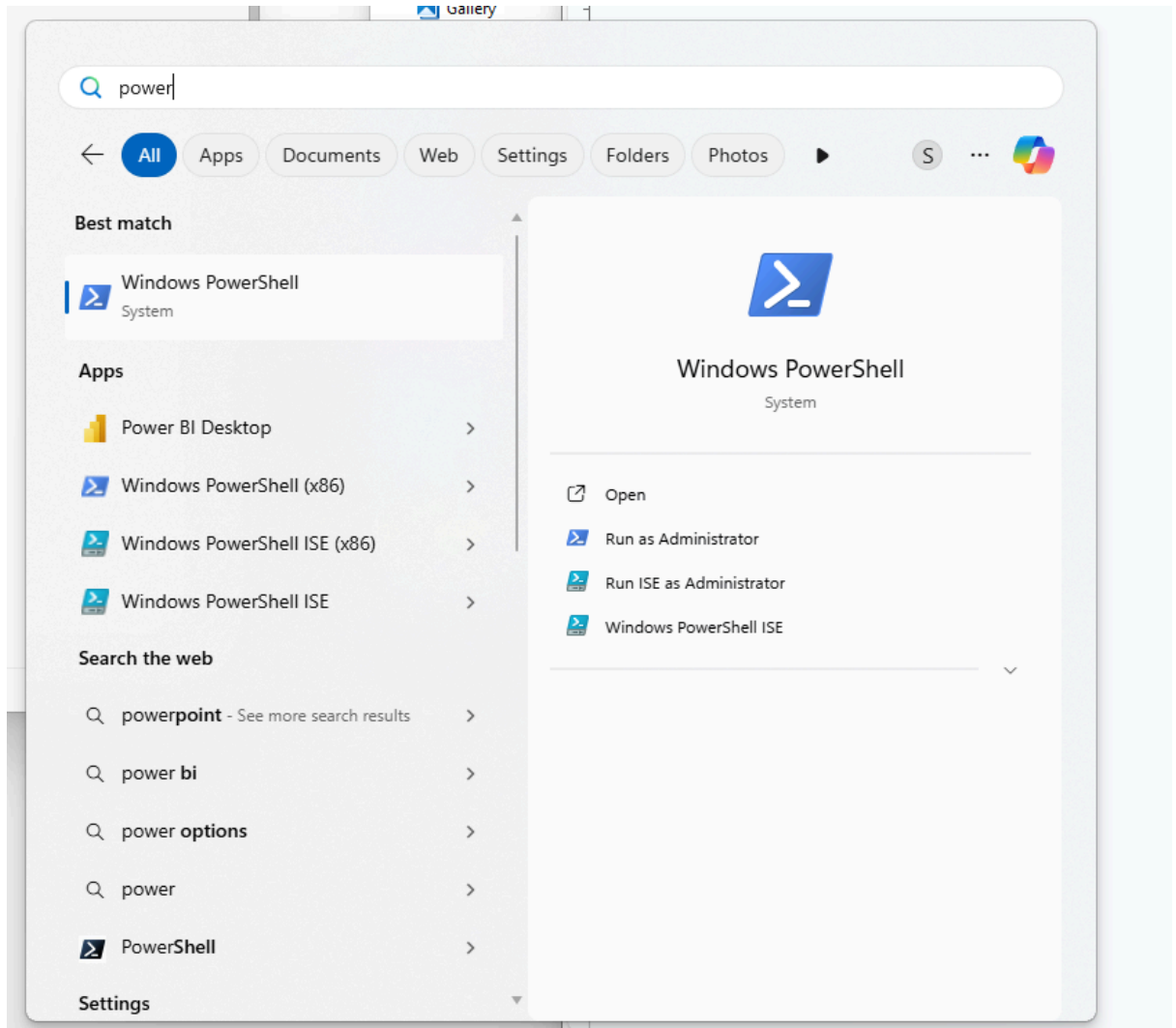
15. Go back to your download folder and go up one level so you can see the folder where you downloaded everything, right-click on the folder and click copy as path.
- 16.



17. Now go back to Notepad and highlight the bits that says PATHHERE and paste, overwriting that bit with your folder location, then select everything and copy it:



18. Now go to the Start Menu and type `Power`, you should find something called PowerShell. Click on it.



19. Paste in the code. You'll get a warning popup, select `Paste` anyway.
20. Press `ENTER`. The code will now run and download everything. You might get some warnings in red. Don't worry about this, this is where the app had the same picture twice.
21. Now, you have a lovely folder with all the pictures! Enjoy and don't forget to back them up somewhere!



# Code

```
// Step 1: Load the JSZip library
function loadJSZip() {
  return new Promise((resolve, reject) => {
    if (window.JSZip) {
      console.log("JSZip already loaded.");
      return resolve();
    }

    console.log("Loading JSZip library...");
    const script = document.createElement('script');
    script.src =
'https://cdnjs.cloudflare.com/ajax/libs/jszip/3.10.1/jszip.min.js'
;
    script.onload = () => {
      console.log("JSZip library loaded successfully.");
      resolve();
    };
    script.onerror = () => {
      console.error("Failed to load JSZip library!");
      reject();
    };
    document.head.appendChild(script);
  });
}

async function scrollToBottom(waitTime = 5000) {
  console.log("--- Starting scroll to bottom... ---");
  const wait = (ms) => new Promise(resolve =>
setTimeout(resolve, ms));
  let previousHeight = -1;
  let currentHeight = document.body.scrollHeight;
  try {
    while (previousHeight !== currentHeight) {
      previousHeight = currentHeight;
      window.scrollTo(0, document.body.scrollHeight);
      console.log(`Scrolling... waiting ${waitTime / 1000}s
for new content...`);
      await wait(waitTime);
      currentHeight = document.body.scrollHeight;
    }
    console.log("✅ --- Reached the bottom! ---");
  } catch (error) {
    console.error("Scrolling failed:", error);
  }
}
```

```

/**
 * Finds all filtered links and displays buttons to download them
 in zipped chunks.
 */
function displayPaginatedZipDownloaders() {
    // First, check if JSZip is loaded
    if (typeof JSZip === 'undefined') {
        alert("Error: JSZip library is not loaded. Please run Step
1 again.");
        return;
    }

    console.log("--- Extracting links and creating ZIP download
buttons... ---");

    // --- Settings ---
    const filterPrefix =
"https://assets.eylog.co.uk/NURSERYNAMEHERE/daily-diary/";
    const chunkSize = 5; // How many files to zip per click

    // 1. Find and filter all links
    const allImageElements = document.querySelectorAll('img');
    const allLinks = [...allImageElements]
        .map(img => img.currentSrc || img.src)
        .filter(src => src);
    const uniqueLinks = [...new Set(allLinks)];
    const filteredLinks = uniqueLinks.filter(link =>
link.startsWith(filterPrefix));

    if (filteredLinks.length === 0) {
        alert("Operation complete, but no image links were
found.");
        return;
    }

    // 2. Create the overlay container
    const linksContainer = document.createElement('div');
    linksContainer.style.position = 'fixed';
    linksContainer.style.top = '10px';
    linksContainer.style.left = '10px';
    linksContainer.style.width = '90vw';
    linksContainer.style.height = '90vh';
    linksContainer.style.zIndex = '99999';
    linksContainer.style.border = '5px solid teal';
    linksContainer.style.padding = '20px';
    linksContainer.style.backgroundColor = 'white';
    linksContainer.style.overflowY = 'scroll';
    linksContainer.style.fontFamily = 'monospace';

```

```

    linksContainer.innerHTML = `<h3>Found ${filteredLinks.length}
matching links.</h3>
                                <p>Click a button to download a
ZIP of that chunk.</p><hr>`;

    document.body.appendChild(linksContainer);

    // 3. Loop and create buttons in chunks
    for (let i = 0; i < filteredLinks.length; i += chunkSize) {
        const chunk = filteredLinks.slice(i, i + chunkSize);
        const startNum = i + 1;
        const endNum = i + chunk.length;

        const button = document.createElement('button');
        button.textContent = `Download Links ${startNum} -
${endNum} (as .zip)`;
        button.style.display = 'block';
        button.style.width = '90%';
        button.style.padding = '10px';
        button.style.margin = '5px auto';
        button.style.fontSize = '14px';
        button.style.cursor = 'pointer';

        // 4. --- THE NEW ONCLICK LOGIC ---
        button.onclick = async () => {
            button.textContent = "Working... (Fetching files...)";
            button.disabled = true;
            button.style.cursor = 'wait';

            try {
                const zip = new JSZip();

                // Fetch each image in this chunk
                for (const link of chunk) {
                    const filename =
link.substring(link.lastIndexOf('/') + 1);
                    button.textContent = `Working... (Fetching
${filename})`;

                    const response = await fetch(link, { mode:
'cors' }); // 'cors' is key
                    const imageBlob = await response.blob();
                    zip.file(filename, imageBlob, { binary: true
});
                }

                // Generate the zip

```

```

        button.textContent = "Working... (Generating ZIP
file...)";
        const zipContent = await zip.generateAsync({ type:
"blob" });

        // Trigger the single download
        const zipName =
`images_${startNum}-${endNum}.zip`;
        const a = document.createElement('a');
        a.href = URL.createObjectURL(zipContent);
        a.download = zipName;
        a.style.display = 'none';
        document.body.appendChild(a);
        a.click();
        document.body.removeChild(a);

        // Mark as done
        button.textContent = `Downloaded Links ${startNum}
- ${endNum}`;
        button.style.textDecoration = 'line-through';
        button.style.backgroundColor = '#eee';
        button.style.color = '#777';

        } catch (error) {
            console.error("Failed to create ZIP:", error);
            button.textContent = `Error downloading
${startNum}-${endNum}. Check console.`;
            button.style.backgroundColor = 'red';
            button.style.color = 'white';
            button.disabled = false;
        }
    };

    linksContainer.appendChild(button);
}

// Run the loader
loadJSZip();

// Scroll to bottom
scrollToBottom();

//displayPaginatedZipDownloaders();

```