Challenge 4.

EXTERMINATE CARLOS

1. A quick google to see where this image is from returns Dalek a fictional violent race from doctor who, they say "Exterminate …". No one named carlos seems to exist within this context. The images I found also appeared to be identical to the image given.

2. Inspecting the element offer something that may be a hint:

```
<!--Show only for admin-->
<div id="admin-panel"></div>
```

3. This empty div seems to be visible only for the admin… There is also an unused js script

4. The javascript seems entirely useless. But it also seems like a step-by-step process. Like someone doing a tutorial in JS.

   Then we have a whole bunch of random js functions:

   - Print full name *return `${firstName} ${lastName}`;*
   - Square a number
   - Sum values in an array
   - Sum even and odd numbers up to 100

5. I wonder if this script is actually being called or if anything is happening behind the scenes. So do a bit of poking with Burpsuite.

6. Starting from scratch I now tried to unpack the image file. Exiftool and binwalk don't reveal anything particularly unique.

```
D:\Downloads>exiftool.exe e.png
ExifTool Version Number         : 12.30
File Name                       : e.png
Directory                       : .
File Size                       : 397 KiB
File Modification Date/Time     : 2023:06:01 14:15:55+12:00
File Access Date/Time           : 2023:06:01 17:40:58+12:00
File Creation Date/Time         : 2023:06:01 17:40:49+12:00
File Permissions                : -rw-rw-rw-
File Type                       : PNG
File Type Extension             : png
MIME Type                       : image/png
Image Width                     : 570
Image Height                    : 700
Bit Depth                       : 8
Color Type                      : RGB with Alpha
Compression                     : Deflate/Inflate
Filter                          : Adaptive
Interlace                       : Noninterlaced
Software                        : Adobe ImageReady
Image Size                      : 570x700
Megapixels                      : 0.451
```