As hinted in the title, we look up what is the secret programming language, and we easily find out it's an esoteric programming language, because the program is a picture. We try to submit the initial picture to a piet interpreter, (I used https://piet.bubbler.one/) but it doesn't accept it. Since the chall is steganography and not OSINT, there's probably something hidden in the image.

```
DECIMAL       HEXADECIMAL     DESCRIPTION
--------------------------------------------------------------------------------
0             0x0             JPEG image data, EXIF standard
12            0xC             TIFF image data, big-endian, offset of first image
 directory: 8
678           0x2A6           Copyright string: "Copyright (c) 1998 Hewlett-Pack
ard Company"
11115         0x2B6B          Copyright string: "Copyright (c) 1998 Hewlett-Pack
ard Company"
22957         0x59AD          Copyright string: "Copyright (c) 1998 Hewlett-Pack
ard Company"
345743        0x5468F         PNG image, 820 x 820, 8-bit colormap, non-interlac
ed
346832        0x54AD0         Zlib compressed data, best compression
1020129       0xF90E1         PNG image, 860 x 860, 8-bit colormap, non-interlac
ed
1021218       0xF9522         Zlib compressed data, best compression
1761760       0x1AE1E0        PNG image, 880 x 880, 8-bit colormap, non-interlac
ed
1762849       0x1AE621        Zlib compressed data, best compression
```

Turns out there's 3 pictures hidden inside. However, for me binwalk –e didn't extract them, so I used dd. After getting the images and opening them, it becomes apparent they are piet programs. We interpret each of them, and see each one prints one part of the flag again and again. We simply extract all of the unique parts and we got the flag.

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