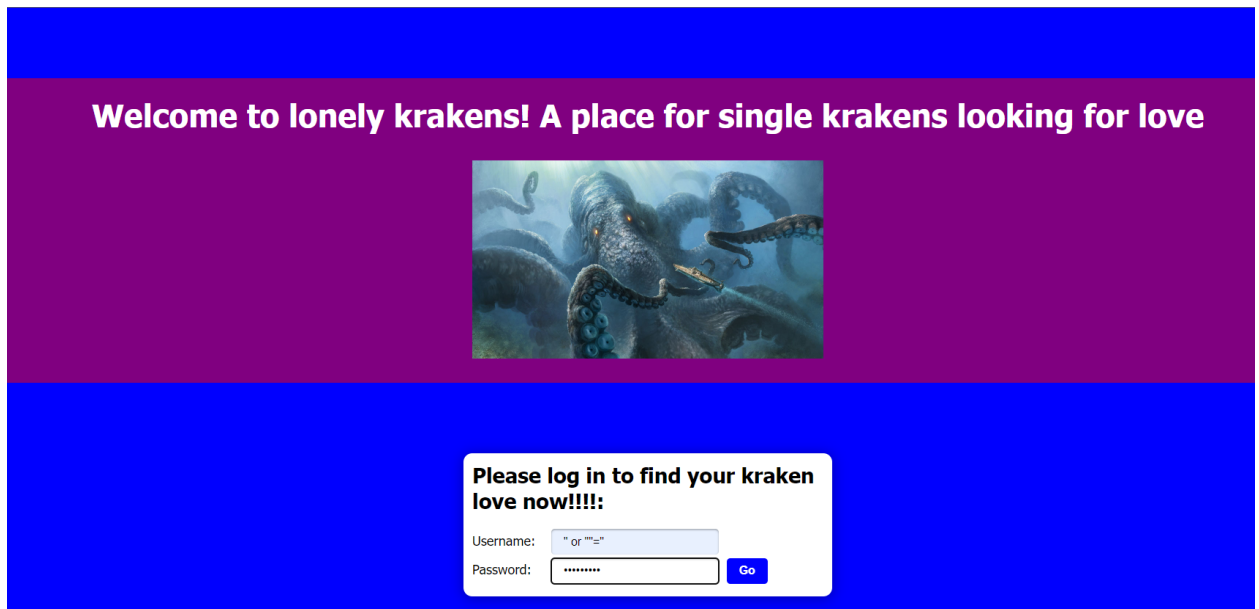
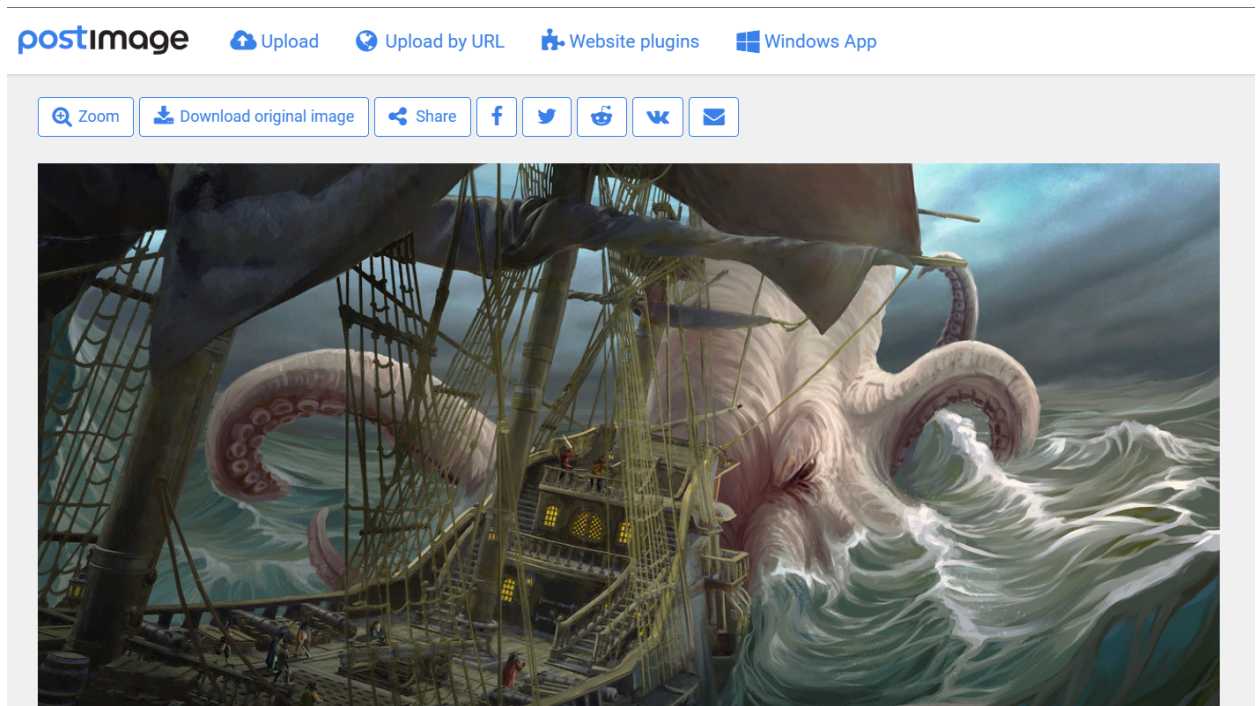


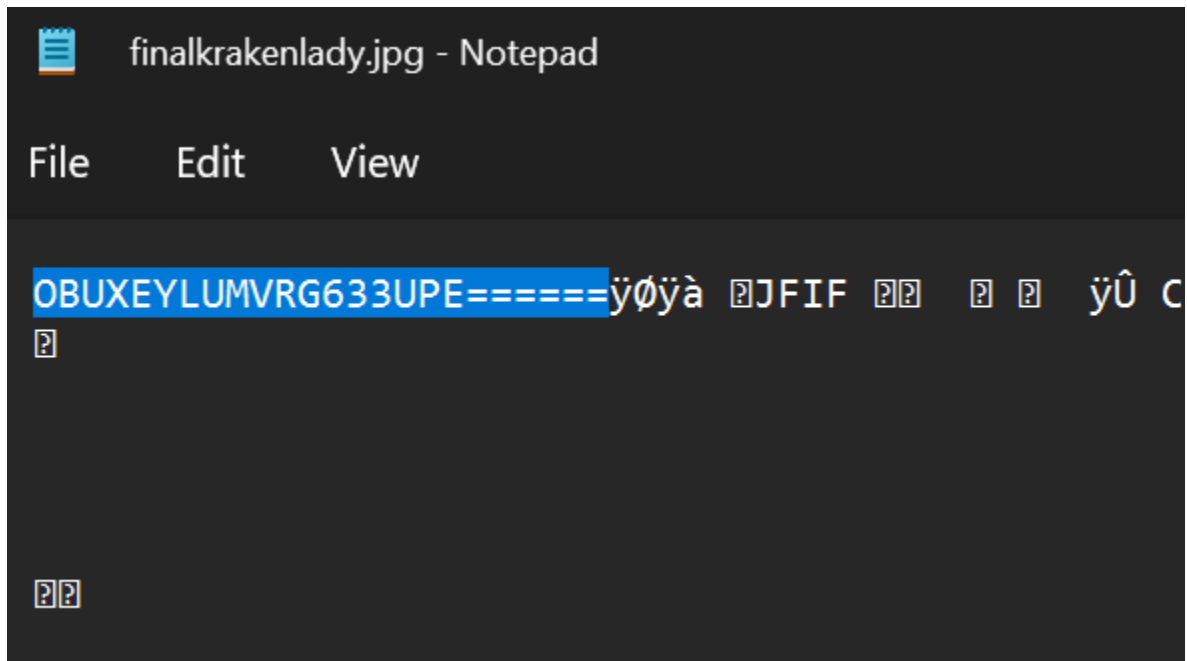
1. SQL injection to get past login page



2. Paste image address in search bar and download.



3. Open image in text editor and notice this out of place text



4. Pop the text into a cipher identifier and realize it is in base32



**CIPHER IDENTIFIER**  
Cryptography › Cipher Identifier

**ENCRIPTED MESSAGE IDENTIFIER**

★ CIPHERTEXT TO RECOGNIZE (?)  
OBUXEYLUMVRG633UPE=====

★ CLUES/KEYWORDS (IF ANY)

**ANALYZE**

See also: [Frequency Analysis](#) – [Index of Coincidence](#)

**SYMBOLS IDENTIFIER**

➤ Go to: [Symbols Cipher List](#)

**Answers to Questions (FAQ)**

**Search for a tool**

★ SEARCH A TOOL ON DCODE BY KEYWORDS:

★ BROWSE THE [FULL DCODE TOOLS' LIST](#)

**Results**

dCode's analyzer suggests to investigate:

Warning The text has a short length, this can affect the reliability of the results (see FAQ)

↑↓	↑↓
<a href="#">Base32</a>	■■■■■■■■■
<a href="#">Keyboard Shift Cipher</a>	■
<a href="#">Affine Cipher</a>	▪
<a href="#">ASCII Shift Cipher</a>	▪

5. Get the text "piratebooty"



## Search for a tool

★ SEARCH A TOOL ON DCODE BY KEYWORDS:

★ BROWSE THE [FULL DCODE TOOLS' LIST](#)

## Results

⚠ ASCII output limited to printable characters (control chars and non-ASCII characters replaced by **◆**)

piratebooty◆◆◆◆◆

Base32 - [dCode](#)

Tag(s) : Character Encoding

Share

## BASE32

Informatics › Character Encoding › Base32

### BASE32 DECODER

Do not confuse with mathematical base 32 conversion

➤ Go to: [Base N Convert](#)

★ BASE 32 CIPHERTEXT **?**

OBUXEYLUMVRG63ZUPE=====

★ RESULTS FORMAT ☒ ASCII (PRINTABLE) CHARACTERSET

☐ HEXADECIMAL 00-FF-FF

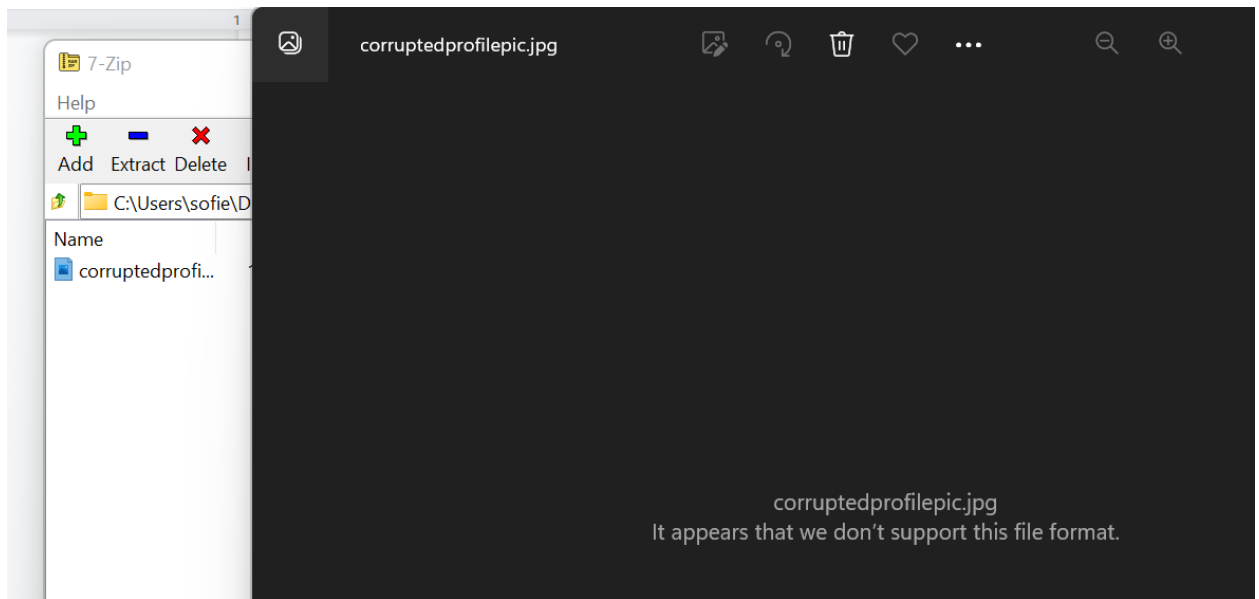
☐ DECIMAL 0-127-255

☐ OCTAL 000-177-377

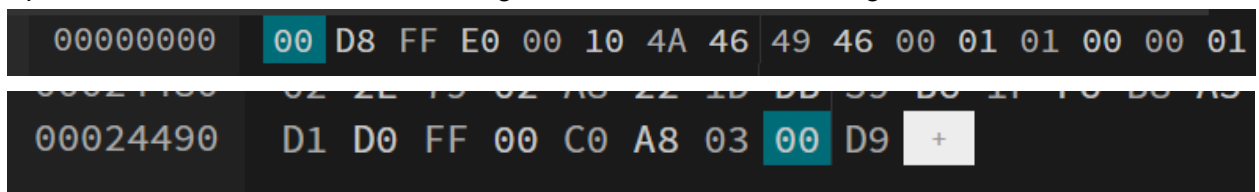
☐ BINARY 00000000-11111111

6. Notice that there is a folder hidden in the image, can use zip extractor tool

7. Find an image in the folder, notice it is corrupted



8. Open in hex editor, notice that the image header and end are wrong



9. Fix the image header <https://www.file-recovery.com/jpg-signature-format.htm>  
10. Use steghide on the fixed image, with "piratebooty" as the password to get the flag

