

# Capture The Flag

October 4<sup>th</sup> 2016



iutmxgzy, tkdz  
ckkq ck ju  
luxktyoiy.

# Categories

- Cryptography
- Web
- Forensics
- Recon
- Binary Exploit
- Reverse Engineering

# Tips

- Always read the title
- Use Google Search
- Look at past problems
- Try things out!

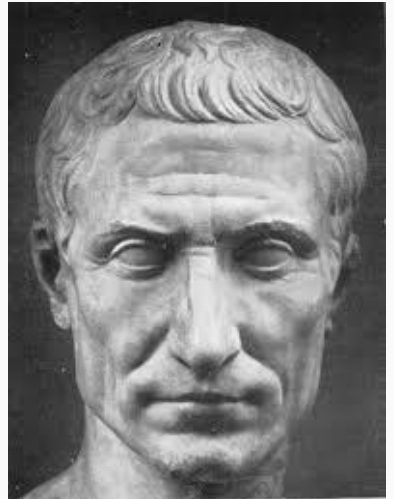
# Caesar - 20 (Cryptography)

You find a cryptic message written on the documents.

xliwigvixtewwtlvewimwewtlonvlbuuihprubmdpcomvxkjxkd

# Caesar Cipher

- Named after Julius Caesar, who used it in military letters
- Early versions used two rotating disks
- Easy to write
- Easily cracked



# HTML Basics

- On Google Chrome - Right Click, View Source
- Nested set of tags, closed with </>, case-indiffernt

<html>

<head> Hi </head>

<body> Hi </body>

</html>

- Comments, <!-- -->, not shown on web page

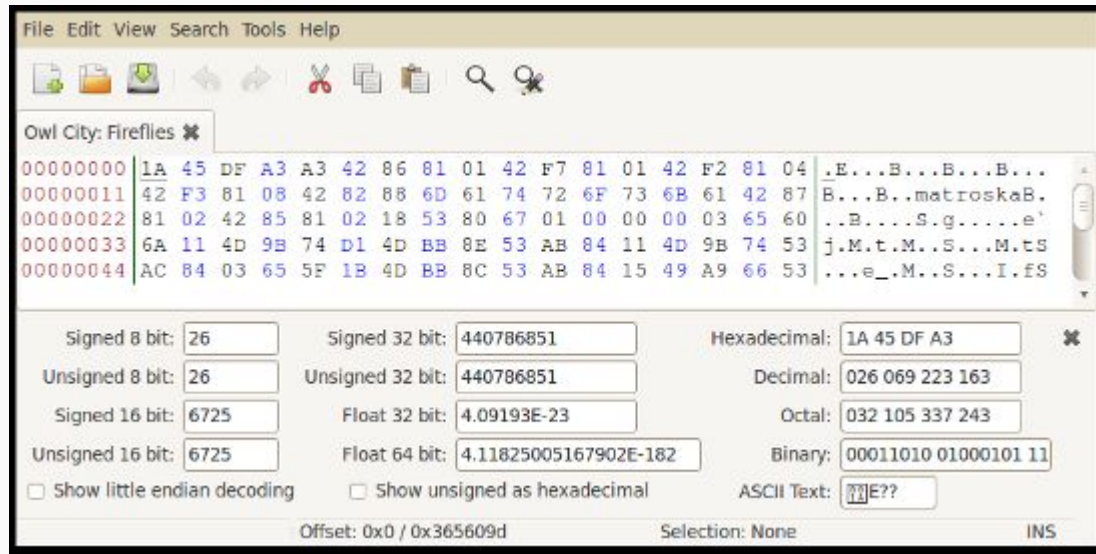
# No Comment - 20 (Web)

They told me that the flag was [here](#), but I can't find it. Maybe if I look under the hood...



# Files

- Magic Numbers are the first couple of lines



# PNG or Not?

Andrew painted more than we asked for. Can you help find what andrew hid in the picture?