



To start off the flag is right in front of us, we just need to extract it.

Start off by copying the description and pasting it into cyberchef.

The flag for this stego challenge is in this description!!

Output ⌚

time: 0ms
length: 6165
lines: 1

< Tab 1 Tab 2 >

T.....h.....
.....e.....f.....
.....l.....g.....
.....a.....
.....f.....
.....o.....
.....h.....t.....
.....i.....s.....
.....S.....
.....t.....g.....
.....o.....
.....c.....
.....h.....l.....
.....l.....n.....

The Flag for this challenge is the ASCII code for the number of . between characters.

Output ⌚

start: 1
end: 103
length: 102

< Tab 1 Tab 2

T.....h.....

I put this into Case Insensitive Regex to get line splits and make it easier to parse the lengths.

To Case Insensitive Regex

1: T

2: 102 f108 i97 a103 g201

The flag for this stego challenge is in this description!!

Output

start: 4 time: 8ms

end: 5 length: 6306

length: 1 lines: 1

Tab 1	Tab 2
[tT].....	
[hH].....	
[eE].....	
[fF].....	
[lL].....	
[aA].....	
[gG].....	
[fF].....	
[oO].....	
[rR].....	
[tT].....	
[hH].....	
[iI].....	
[sS].....	
[sS].....	
[tT].....	

I then copied the output to PowerShell and cleaned up the text to make it easier to split on the lines.

I manually added "]" for spaces and punctuation and removed the "[aA" from the letters

I then split on "]" and took the length of the lines and converted to Char to get the flag.

PowerShell Script - break into lines and count (some manual parsing)

[illegible]

```

.....].....
.....]
$char = $lines.Split("]")
$out = ""
$char | % {$out += [char]$_}
$out

```

Simplified Powershell Script - automated:

```

$stego = Get-Content '.\Stego Troll.txt'-Encoding Byte
$out = @()
$nice = ""

$stego | ForEach-Object {
    $dec = "{0:d} " -f $_
    if ($dec -match 226 -or $dec -match 139 -or $dec -match 128){
        if ($dec -match 226){
            $charcount += 1
        }
    }else{
        $out += $charcount
        $charcount = 0
    }
}
$out | % {$nice += [char]$_}
$nice -join ""

```

Flag: flag{this_was_so_trollish_that_i_owe_everyone_an_apology}

Simplified Powershell Script:

```

$stego = Get-Content '.\Stego Troll.txt'-Encoding Byte
$out = @()
$nice = ""

$stego | ForEach-Object {
    $dec = "{0:d} " -f $_
    if ($dec -match 226 -or $dec -match 139 -or $dec -match 128){
        if ($dec -match 226){
            $charcount += 1
        }
    }else{
        $out += $charcount
        $charcount = 0
    }
}
$out | % {$nice += [char]$_}
$nice -join ""

```