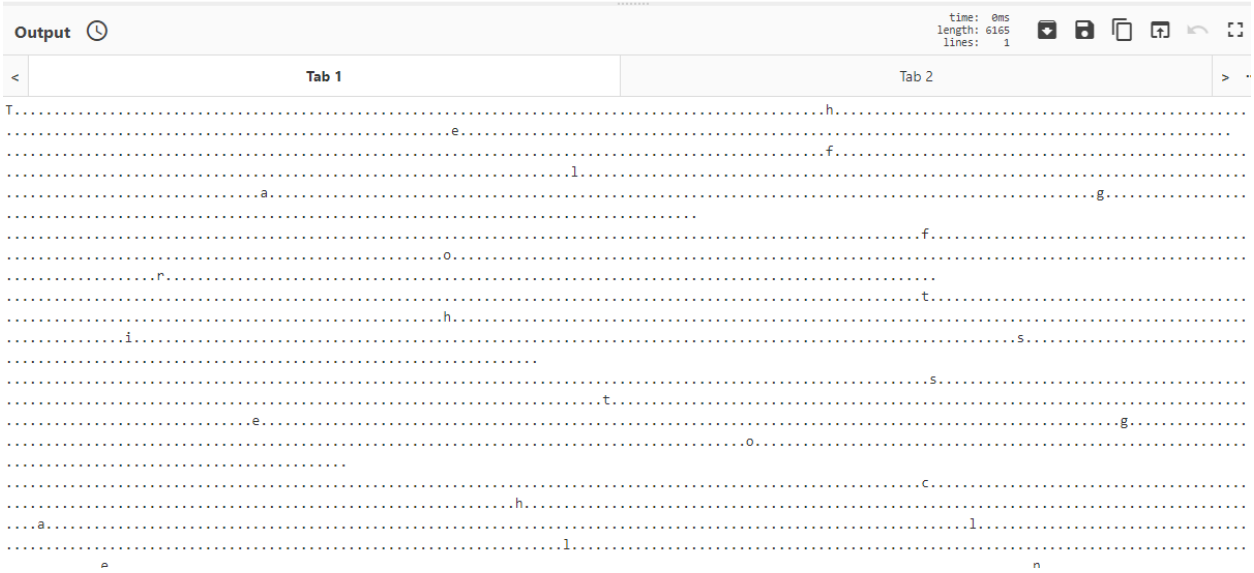
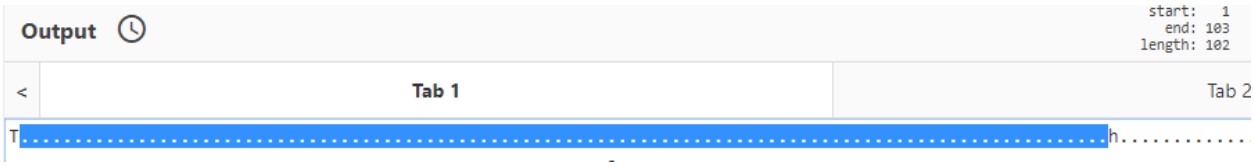
To start off the flag is right in front of us, we just need to extract it.

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

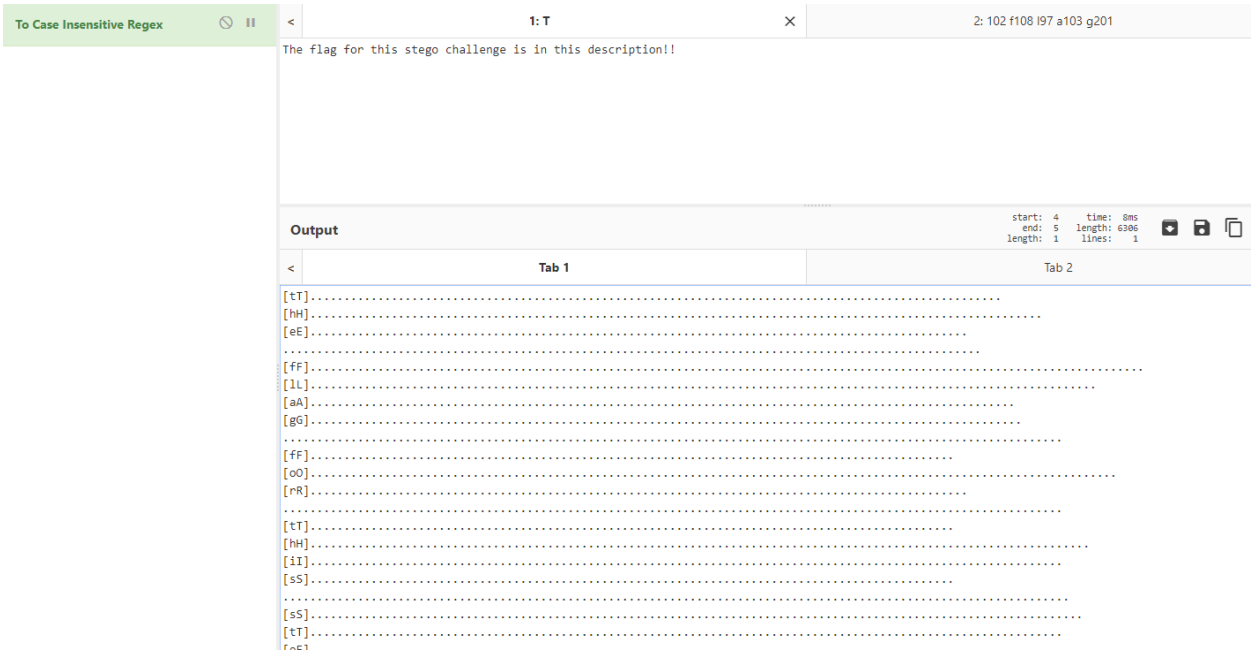
```
The flag for this stego challenge is in this description!!
```



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



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



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)

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