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## First Grep



Easy

General Skills

picoCTF 2019

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Hints ?

### Description

Can you find the flag in [file](#)? This would be really tedious to look through manually, something tells me there is a better way.

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grep [tutorial](#)

### Solution

I downloaded the file using **wget** tool.

```
(kali@kali)-[~/Desktop]
└─$ wget https://jupiter.challenges.picoctf.org/static/495d43ee4a2b9f345a4307d053b4d88d/file
--2025-02-05 14:21:20-- https://jupiter.challenges.picoctf.org/static/495d43ee4a2b9f345a4307d053b4d88d/file
Resolving jupiter.challenges.picoctf.org (jupiter.challenges.picoctf.org)... 3.131.60.8
Connecting to jupiter.challenges.picoctf.org (jupiter.challenges.picoctf.org)|3.131.60.8|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 14551 (14K) [application/octet-stream]
Saving to: 'file'

file
 100%[=====] 14.21K --.-KB/s in 0s

2025-02-05 14:21:22 (258 MB/s) - 'file' saved [14551/14551]

(kali@kali)-[~/Desktop]
└─$ ls
file

(kali@kali)-[~/Desktop]
└─$ file file
file: ASCII text, with very long lines (4200)

(kali@kali)-[~/Desktop]
└─$
```

Looking for a flag manually in a file with thousands of lines is tedious . I went ahead and used grep tool looking for anything that would match what i was looking for. For this case i searched for lines where a string 'pico' appeared. The flag was 'picoCTF{grep\_is\_good\_to\_find\_things\_dba08a45}'.

```
kali@kali: ~/Desktop
File Actions Edit View Help
(kali@kali)-[~/Desktop]
$ cat file | grep pico
pico CTF{grep_is_good_to_find_things_dba08a45}
(kali@kali)-[~/Desktop]
$
```