

picoCTF like1000

Points: 250.

Description: This [tar file](#) got tarred a lot.

Link: <https://play.picoctf.org/practice/challenge/30?category=4&page=1>

Based on the description of the challenge it sounds like we will need to create a script to extract a tar file multiple times.(1000).

I decided to extract it once to get a better understanding of the challenge.

```
drew@ubuntu:~$ tar xf 1000.tar
999.tar
filler.txt
```

Looks like my initial thoughts were correct. I am going to create a script in python to extract this file.

Python script:

```
import os
```

```
def untar():
    count = 1000 # 1000 Tar files
    while count != 0: # While not done
        os.system("tar xf "+str(count)+".tar") #extract
        os.system("rm "+str(count-1)+".tar") # delete old tar file
        count -= 1 # Decrease count
```

```
untar()
```

```
drew@ubuntu:~/tar$ python3 tar.py
```

After the script is done running we are left with

```
drew@ubuntu:~/tar$ ls
filler.txt  flag.png  tar.py
```

When opening flag.png it displays:

picoCTF{I0t5_Of_TAR5}

I then submitted the flag I found in flag.png and it was correct!



Hurray! You earned 250 points.

