

Some Noobie Doobie CtF Type Exercises

Exercise 1

Name: Let's Warm Up

Points: 50

Challenge: If I told you a word started with 6A in hexadecimal, what would it start with in ASCII?

Solution:

Exercise 2

Name: Warmed Up

Points: 50

Challenge: What is 3D (base 16) in decimal (base 10)?

Solution:

Exercise 3

Name: 2Warm

Points: 50

Challenge: Can you convert the number 42 (base 10) to binary (base 2)?

Solution:

Exercise 4

Name: Bases

Points: 50

Challenge: What does this `bDNhcm5fdGgzX3IwcDM1` mean? I think it has something to do with bases.

Solution:

Exercise 5

Name: Obident Cat

Points: 50

Challenge: This file has a flag in plain sight, aka in-the-clear. Download the file here:

<https://glasnost.itcarlow.ie/~gleesonm/ctf/flag.txt>

Solution:

Exercise 6

Name: Dotty Cat

Points: 50

Challenge: This file is a bit dotty, download the file here:

<https://glasnost.itcarlow.ie/~gleesonm/ctf/anotherflag.txt>

Solution:

Exercise 7

Name: Wave a Flag

Points: 100

Challenge: Can you invoke help flags for a tool or binary? This program has extraordinarily helpful information: <https://glasnost.itcarlow.ie/~gleesonm/ctf/warm>

Solution:

Exercise 8

Name: So Meta

Points: 100

Challenge: Find the flag in this: https://glasnost.itcarlow.ie/~gleesonm/ctf/pico_img.png

Solution:

Exercise 9

Name: Insp3ct0r

Points: 150

Challenge: Someone tipped us off that the following code may need inspection:

<https://jupiter.challenges.picoctf.org/problem/9670/>

Solution:

Exercise 10

Name: First grep

Points: 150

Challenge: Can you find the flag in this file. This would be really tedious to look through manually, something tells me there is a better way. <https://glasnost.itcarlow.ie/~gleesonm/ctf/file>

Solution:

Exercise 11

Name: Information

Points: 200

Challenge: Files can always be changed in a secret way, can you find the flag?

<https://glasnost.itcarlow.ie/~gleesonm/ctf/cat.jpg>

Solution:

Exercise 12

Name: strings-it

Points: 150

Challenge: Can you find the flag in this file, without running it.

<https://glasnost.itcarlow.ie/~gleesonm/ctf/strings>

Solution:

Exercise 13

Name: where-is-the-file

Points: 150

Challenge: I've used a super secret mind trick to hide a cfy file. Maybe something lies hidden on our cfyos server, perhaps look in `/cfy` ?

Solution:

Exercise 14

Name: static ain't always noise

Points: 200

Challenge: Can you look at the data in this binary:

<https://glasnost.itcarlow.ie/~gleesonm/ctf/static>

Perhaps this bash script might help? <https://glasnost.itcarlow.ie/~gleesonm/ctf/ltdis.sh>

Solution:

All exercises (mostly) from picoCTF: <https://play.picoctf.org/practice>