# Noobie 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:** 100

**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://github.com/mickitcarlow/ctf4cfy/blob/main/flag.txt

**Solution:**

# Exercise 6

**Name:** Dotty Cat

**Points:** 50

**Challenge:** This file is a bit dotty. Download the file here:
https://github.com/mickitcarlow/ctf4cfy/blob/main/flag.txt

**Solution:**

# Exercise 7

**Name:** Wave a Flag

**Points:** 150

**Challenge:** Can you invoke help flags for a tool or binary? This program has extraordinarily helpful information: https://github.com/mickitcarlow/ctf4cfy/blob/main/warm

**Solution:**

# Exercise 8

**Name:** So Meta

**Points:** 150

**Challenge:** Find the flag in this picture:
https://github.com/mickitcarlow/ctf4cfy/blob/main/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:**