

CTF Part II - Solving CTF Problems Online

CIS 5370, Computer Security, Spring 2023

Department of Computer Science, Florida State University

Points: 100

Due: 11:59PM on Wednesday, April 26th, 2023

Submission: For this assignment, you must submit your answers online via Canvas by uploading a pdf file. You also need to attach any programs you have written for this assignment as well.

The purpose of this assignment is to allow you to use the techniques learned in class and relevant CTF hand-on knowledge and skills you have learned by solving CTF problems offline to solve problems in CTF competitions.

You can choose to participate any CTF competitions either individually or as a group. If you solve a problem as a group, you earn the points for the problem divided by the size of your group. For each problem in your writeup, please specify clearly the problem, the competition, the points on the scoreboard of the competition, the size of your group (if applicable), and screenshots to demonstrate the techniques you have used.

For every 10 points you earn according to the scoreboards at the CTF competitions, you earn one point for this assignment. For example, if you participate the picoCTF and solve the *Horsetrack* problem by yourself, which is 300 points according to the scoreboard, you will earn 30 points for this assignment.

A good option is picoCTF (<https://picoctf.org>), which is going on now until March 28th, 2023. You can also find additional CTF competitions from <https://ctftime.org>.

Extra Credit Option

You can solve additional problems in CTF challenges. You can earn up to 20 points as extra credit for this assignment.