

CS 2104 Homework Assignment 1a. "Simplify". Individual work

1. (10 points.)

You are writing down all the numbers between 3,000 and 4,000, inclusive. How many times you will have to write digit "3"?

2. (20 points)

You have a perfectly accurate analog watch with hour, minute, and second hands. How many times a day (24 hrs) do all three hands overlap?

3. (20 points EXTRA CREDIT) Remove "perfectly accurate" from the above. How does the answer change?

Submission Strictly follow the "General Assignment Guidelines" (individual assignment) on the course web-site.