

Junior Knights Contest Course Fall 2024 11/23/2024 – Outline

10:15 – 10: 50 am

I. Warm Up String Problems

- a. <https://open.kattis.com/problems/autori>
- b. <https://open.kattis.com/problems/keysphonenumber>
- c. <https://open.kattis.com/problems/detaileddifferences>

10:50 – 11:30 am

II. Lecture String Manipulation

- a. Letter ascii to 0-25 and back
- b. Digit ascii to 0-9 and back
- c. Indexing string as needed
- a. <https://open.kattis.com/problems/drunkvigenere>
- b. <https://open.kattis.com/problems/runlengthencodingrun>

11:30 am – 11:40 am

III. Break

11:40 am – 12:50 pm

III. Practice Problems

- a. <https://open.kattis.com/problems/conundrum>
- b. <https://open.kattis.com/problems/drmessages>
- c. <https://open.kattis.com/problems/encodedmessage>
- d. <https://open.kattis.com/problems/reverserot>

Note: It is not expected for students to finish all of the problems listed during the time given. Rather, more problems are given so that students may choose to get extra practice during the week if they choose to do so.

REMINDER: NEXT MEETING IS DEC 7, 2024 in TWO WEEKS