**מבחן מועד א' | יד' מעבר רחובות, תשפ"א:**

שמות המגישים: אלעד פרס, דניאל זיגלר שמואל

הספק:

כן: א', ב', ג', ד'

לא: NULL

פלטים:

* סעיף ב':

Entered the nightclub

Entered the nightclub

Inside nightclub...Thread-1

Inside nightclub...Thread-0

Left the nightclub

Entered the nightclub

Thread number 0 was in the club for 10 seconds

Thread number 1 was in the club for 0 seconds

Inside nightclub...Thread-2

Thread number 2 was in the club for 0 seconds

Thread number 3 was in the club for 0 seconds

Thread number 4 was in the club for 0 seconds

Thread number 5 was in the club for 0 seconds

Thread number 6 was in the club for 0 seconds

Left the nightclub

Entered the nightclub

Thread number 0 was in the club for 10 seconds

Inside nightclub...Thread-4

* + הסבר: החלטנו כל יציאה מהמועדון לסכם את הזמנים של כל thread כיוון שאין סוף מכוון לריצה כי היא מתוכנתת לרוץ עד אינסוף.
* סעיף ג׳:

Entered the nightclub

Entered the nightclub

Inside nightclub...Thread-1

Inside nightclub...Thread-0

Left the nightclub

Entered the nightclub

Thread number 0 was in the club for 10 seconds

Inside nightclub...Thread-3

Thread number 1 was in the club for 0 seconds

Thread number 2 was in the club for 0 seconds

Thread number 3 was in the club for 0 seconds

Thread number 4 was in the club for 0 seconds

Thread number 5 was in the club for 0 seconds

Thread number 6 was in the club for 0 seconds

Thread no. 1 at 0 secs

Thread no. 2 at 0 secs

Thread no. 3 at 0 secs

Thread no. 4 at 0 secs

Thread no. 5 at 0 secs

Thread no. 6 at 0 secs

Left the nightclub

Entered the nightclub

Thread number 0 was in the club for 10 seconds

Inside nightclub...Thread-2

Thread number 1 was in the club for 13 seconds

Thread number 2 was in the club for 0 seconds

Thread number 3 was in the club for 0 seconds

Thread number 4 was in the club for 0 seconds

Thread number 5 was in the club for 0 seconds

Thread number 6 was in the club for 0 seconds

Thread no. 2 at 0 secs

Thread no. 3 at 0 secs

Thread no. 4 at 0 secs

Thread no. 5 at 0 secs

Thread no. 6 at 0 secs

Left the nightclub

Entered the nightclub

Thread number 0 was in the club for 10 seconds

Left the nightclub

Entered the nightclub

Thread number 0 was in the club for 10 seconds

Thread number 1 was in the club for 13 seconds

Inside nightclub...Thread-5

Thread number 2 was in the club for 10 seconds

Thread number 1 was in the club for 13 seconds

Inside nightclub...Thread-4

Thread number 2 was in the club for 10 seconds

Thread number 3 was in the club for 13 seconds

Thread number 3 was in the club for 13 seconds

Thread number 4 was in the club for 0 seconds

Thread number 5 was in the club for 0 seconds

Thread number 4 was in the club for 0 seconds

Thread number 6 was in the club for 0 seconds

Thread no. 4 at 0 secs

Thread number 5 was in the club for 0 seconds

Thread no. 5 at 0 secs

Thread number 6 was in the club for 0 seconds

Thread no. 6 at 0 secs

Thread no. 4 at 0 secs

Thread no. 5 at 0 secs

Thread no. 6 at 0 secs

Entered the nightclub

Left the nightclub

* + הסבר: בגלל שאין סוף לריצה החלטנו להדפיס את המינימום בכל עזיבה של thread מהמועדון
* סעיף ד׳

הקושי שנתקלנו בו היה למצוא את המספר של כל Thread מהשם שלו שהיה מחרוזת ולהמיר אותו לInteger, ופתרנו אותו על ידי חיפוש פעולות של המרה מchar (התו היחיד) למחרוזת ואז לint.

Helps: ⭕