

# IPC Online

Section: A1

Time: 25 min

Run two threads.

- a. Thread1 prints 's' in an infinite loop
- b. Thread2 prints 't' in an infinite loop

Now, these two threads should run in a way that at any time the difference between number of 's' printed and the number of 't' printed should be at most 2. So, the output may look like:

s, t, t, t, s, s, s, s, t, ....

**Implement this using semaphores only.**

Create a file <student\_id>.cpp and submit it.