

# IPC Online

Section: B2

Time: 25 min

Run two threads.

- a. Thread1 prints \_
- b. Thread 2 prints +

Take an input N from the user. Now, these two threads should run in a way that the following pattern is printed on the console.

```
_____+
_____++
_____+++
_____++++
_____+++++
```

Here, N = 5. The last line prints 5 '\_' and 5 '+'.  
\_\_\_\_\_+++++

**Implement this using semaphores only.**

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