**INHA UNIVERSITY TASHKENT DEPARTMENT OF CSE & ICE**

**SPRING SEMESTER 2021**

**CIE 2070 - SYSTEMS PROGRAMMING**

# LAB ASSIGNMENT 8

**INSTRUCTIONS :**

**-All Lab assignments are to be completed by students in a group of maximum three students**

**-Screen shots are to be provided wherever necessary**

**-Lab Assignment Report should be prepared**

**-In the report, for each question you need to provide Algorithm, Program and Results Screenshots.**

**-Source code for all the programs should be uploaded along with the Lab Report at the E-Class portal.**

**-Last date for submission ofthe Lab Assignment is 18 April 2021**

**-Late submissions not entertained, Adhere to the deadline strictly**

**Task 1.**

**Implement two processes (process A and process B) which will write into one file following data sequentially (one process exactly after another):**

**Process A: “Hello! I’m process A”**

**Process B: “Hello! I’m process B”**

**Organize synchronization using XSI IPC Semaphore.**

**Sample:**

**Hello! I’m process A**

**Hello! I’m process B**

**Hello! I’m process A**

**Hello! I’m process B**

**Hello! I’m process A**

**Hello! I’m process B**