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

**SPRING SEMESTER 2021**

**CSE3070 - UNIX PROGRAMMING**

# LAB ASSIGNMENT 7

**INSTRUCTIONS :**

* **All Lab assignments are to be completed by an individual student on his/her computer system and not in groups**
* **Screen shots are to be provided wherever necessary**
* **Lab Assignment Report should be prepared. As a template use standard university template.**
* **Last date for submission of the Lab Assignment is April 11 - Late submissions not entertained, Adhere to the deadline strictly**

**ASSIGNMENT:**

**Using C language for Unix environment implement the following task:**

Main process should start two child processes.

1st child process opens text file, read data from this file and using IPC mechanism send data to 2nd process.

2nd process receive data from 1st process, next capitalize all characters and save it to another file.

1st and 2nd filenames must be passed to main process as a command line arguments.

Following IPCs should be implemented:

Pipes

Named Pipes;

Main process

IPC

2nd child

1st child