**Operating System and Design (19CS2106S)**

**Lab- 4**

**Pre-Lab:**

**Unnamed Pipes: pipe ()**

**mkfifo**: creates a named pipe called fileName.

**link**: Creates a hard link.

**mknod**: Creates a special file.

**Deadlock scenario for link**.

**In-Lab:**

1. pipe.c: Runs two programs in a pipeline Child runs cat, parent runs tr

2. A half-baked directory using mknod.

**Post-Lab:**

1. mylink.c -- create the filename "another.txt" and link it to the other file. Later delete it using unlink.

2. Unlinking an opened file