- 1. **FIFOs:** You are given the database which you are familiar with last lab session. Consider any *one* list of registered students in a course (say file database/CS/cs101.txt). This file is sorted according to students roll number in the increasing order. Assuming that all the records of this file are already written on to a FIFO, you task is to *sort* the records in decreasing order in the **same** FIFO.
 - Note: 1. In the process of implementation, you can use any number of intermediate PIPEs/FIFOs.
 - Note: 2. Do not use additional memory/data structures.
 - Note: 3. You should implement this program either in \mathbb{C} or $\mathbb{C}++$ language only.
 - Note: 4. Material shared in sections 44.1, 44.2, 44.7 and 44.8 help in this assignment.

Testing methodology: Once have sorted the records into the FIFO, TA will open a terminal and at the command prompt he will cat the file on to standard output which should display contents of in reverse order of the records.

Evaluation Point	Description	Marks
1	Reading file contents	1
2	Creating FIFO and placing con-	1
	tents	
3	Use of intermediate PIPEs or FI-	3
	FOs	
4	Output	1
5	Logic	4