Kantipur Engineering College
Dhapakhel, Lalitpur

Subject: Object-Oriented Programming
Lab - 12

Title:
File Handling in C++

Objective:
- To be familiar with the file stream
- To be familiar with file read and write operations on file

Theory:

- File stream hierarchy

- Opening and closing a file

- Opening modes in a file.

- Read and write operations in file

- File access pointers and their manipulators

Lab exercises

1. Write a program that will copy the content from one file, change the case of letters to uppercase if they are in lowercase, and store them in the next file.
2. Write a program to write the information of 10 employees in a file. And display their details on the console.
3. Write a program to write the details of a student to a file until the user says "no". Also, search the data of a student from the file based on their roll number.
4. In Q.no 3, find the data of the nth student using:
   a. Sequential access
   b. Random access