

# Everest Engineering College

## Sanepa-2, Lalitpur

**Subject: Programming in C**

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### Lab 11

**Title: File and Files handling**

**Objective:**

- To be familiar with file handling in C

**Theory:**

- File handling and its necessity
- File pointer
- Opening and closing a file
- File opening mode

**Lab Exercises:( Please code yourself and show the output to the instructor)**

1. Write a Program to open a new file and read name, address and telephone number of 10 employees from a user and write to a file named “employee.txt” and now read from the file and display the information.  
*[Hint: you can use either fscanf( )/fprintf( ) or fread( )/fwrite( ) for above Question:1 and if you use fread( )/Fwrite ( ) you need to create structure for it]*
2. Write a program create structure to read the name, author and price of 200 books in a library and store the information into file “library.dat”. Now, read the information of books from the file and display the name and price of books whose price is greater than 300. *[Hint: Write to the file and read from the file and display it]*
- 2.1 Write a program create structure to read the name, author and price of 200 books in a library and store the information into file “library.dat”.*[Hint: write only to the file]*
- 2.2 Write a program create structure to read the name, author and price of 5 more books in a library and store the information into file “library.dat”.*[Hint: append to the file]*
- 2.3 Write a program create structure to read the name, author and price of books from the above file named “library.dat” and display the name and price of books whose price is greater than 300. *[Hint: Read from the file in which exact number of records is not known]*
3. Consider the following structure:

Roll No	Name	Address	Faculty	Date of Birth		
				mm	dd	yy

Write a program to create “student.txt” file to store the above records for 10 students and display the records of student who are not from pokhara.