

LAB 10

FILE INPUT/OUTPUT IN C++

In this lab, students shall write and run different programs related to *file input/output* in C++ programming language. Following program shall be covered in this lab:

Task #1:

Write a program to write a record of 'n' students in a file. And display the stored records in sequential file organization.

Task #2:

Write a menu driven program in CPP to illustrate the concept of complete input/output operations on data files. Use a class named "student" with members- name, roll, marks and address to represent a record. Your program must be able to do following file operations:

1. Write n records to the file.
2. Read current records stored on the file.
3. Update/Modify a record on the file.
4. Search a record on the file.
5. Delete a record on the file.
6. Compute the no. of records in the file.

Task #3:

Write a program to overload stream operators (>> and << operators) to read **time** with members- hour, minute and second, and display it in **hh:mm:ss** format.