

Database Systems Lab

SESSION 1

1. Text I/O

- a. Write a C program to store 20 numbers into a file in text format.

Source: `rollno-txt-write-num.c`

Usage: `rollno-txt-write-num filename`

- b. Write a C program to read 20 numbers from a file in text format.

Source: `rollno-txt-read-num.c`

Usage: `rollno-txt-read-num filename`

- c. Write a C program to store 5 student information records (rollno:integer, name:string(30), age:int) into a file in CSV text format

Source: `rollno-trec-write-num.c`

Usage: `rollno-trec-write-num filename`

- d. Write a C program to read 5 students information (rollno:integer, name:string(30), age:int) into a file in CSV text format

Source: `rollno-trec-read-num.c`

Usage: `rollno-trec-read-num filename`

2. Binary I/O

- e. Write a C program to store 20 numbers into a file in binary format.

Source: `rollno-bin-write-num.c`

Usage: `rollno-bin-write-num filename`

- f. Write a C program to read 20 numbers from a file in binary format.

Source: `rollno-bin-read-num.c`

Usage: `rollno-bin-read-num filename`

- g. Write a C program to store 5 student information (rollno:integer, name:string(30), age:int) into a file in binary format

Source: `rollno-brec-write-num.c`

Usage: `rollno-brec-write-num filename`

- h. Write a C program to read 5 students information (rollno:integer, name:string(30), age:int) from a file in binary format and display the values on screen.

Source: **rollno-brec-read-num.c**

Usage: **rollno-brec-read-num filename**

Upload instructions

1. Replace rollno with your roll number in the file names!
2. Upload only your source program. No need for executables.
3. Combine the source files into a single zip file and upload.