Database Systems Lab

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-write-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.