

General Instructions

- Maintain a proper observation of the experiments you perform in lab sessions.
- Keep your code with proper hierarchical structure for your future reference.

Experiment 1

Write a C program that continuously accepts three inputs - Choice (datatype: int), Name (datatype: String), and RollNo (datatype: int) - until the value of Choice is greater than 0. The program should then store the data in a file named "database.db". To accomplish this, consider using structures to store the entered data.

Sample Input/Output

- Input: Choice = 1, Name = Gandolf, RollNo = 101
Choice = 1, Name = Frodo, RollNo = 122
Choice = -1, Name = Goblin, RollNo = 212
- Output: Contents of *databases.db*

```
[ "lords ":  
  { "name": "Gandolf", "rollno": "101" },  
  { "name": "Frodo", "rollno": "122" },  
  { "name": "Goblin", "rollno": "212" },  
]
```

Experiment 2

Write a C program that opens two files "*historofC.txt*" and "*historofpython.txt*". Do the following:

- Count the number of lines in each file.
- Copy the contents of both files to another file named "*history.txt*".
- Delete the file that has the most number of lines with the message : "*File with the most number of lines deleted*".