

Output:

1. C program for sequential file access:

```
"D:\Assignment && Lab\four" x + v
How many Records ? 2
Read the Info for Student: 1 (sid,name,age,dob)
1 utsab 23 2057
Read the Info for Student: 2 (sid,name,age,dob)
2 sandesh 22 2058

Program Menu:
1- Display
2- Search
3- Exit
1

Student Records in the File
SID   Name   Age   Dob
1     utsab  23    2057
2     sandesh 22    2058

Program Menu:
1- Display
2- Search
3- Exit
2
Read the sid of the student to be searched?
2
Success ! Record found in the file
SID   Name   Age   Dob
2     sandesh 22    2058
```

2. C program output for random file access:

```
"D:\Assignment && Lab\four" x + v
1. Add employee
2. Display employee
0. Exit
Enter your choice: 1

Enter employee position: 3
Enter employee name: utsab
Enter employee age: 23
Enter employee salary: 50000

1. Add employee
2. Display employee
0. Exit
Enter your choice: 1

Enter employee position: 4
Enter employee name: sankalpa
Enter employee age: 22
Enter employee salary: 56000

1. Add employee
2. Display employee
0. Exit
Enter your choice: 2

Enter employee position: 3
Employee details:
Name: utsab
Age: 23
Salary: 50000.00
```

Conclusion:

Hence, the objectives of the lab were successfully implemented.