**Structure and Dynamic Memory Management assignments**

**Mandatory**

1. Refer the question 1 solved in “Structure and function”. Extend the above program to read a number of records from the user as a single command line argument (each record is delimited by a semicolon and record fields are delimited by comma) and store in an array of structures.

Sample input and output are given below.

Input: “user1,90;user21,100, userABC,56,userX,40”;

Output:

No. of records: 4

Record 1:

Name:user1, Percentage:90

Record 2:

Name:user21, Percentage:100

Record 3:

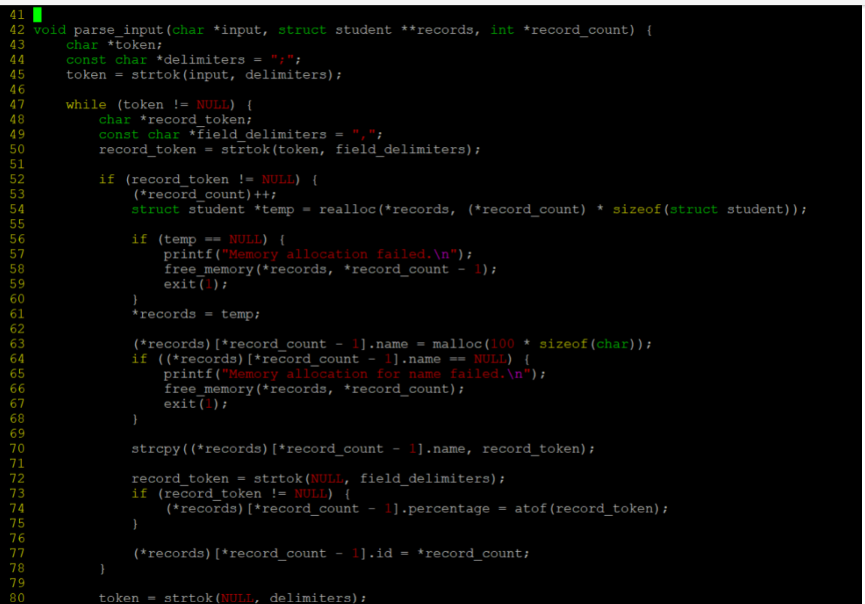
Name:userABC, Percentage:56

Record 4:

Name:userX, Percentage:40

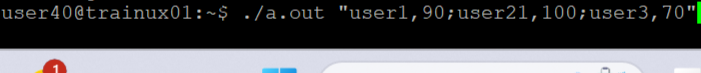
Implement all required functions and call them to get the desired output.

Check for memory leak.



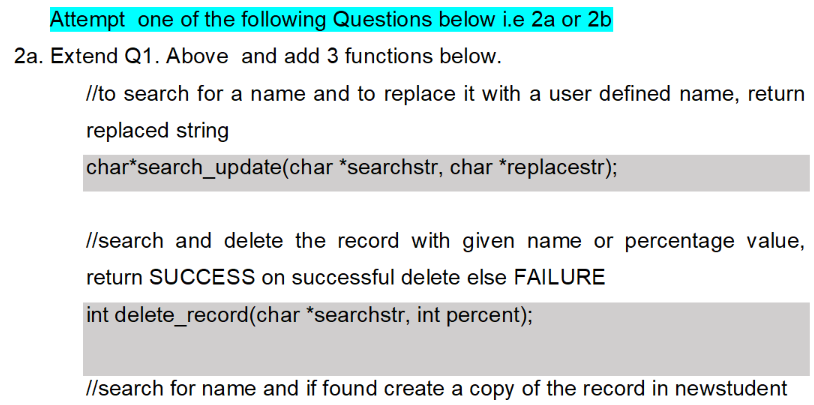
A screen shot of a computer code

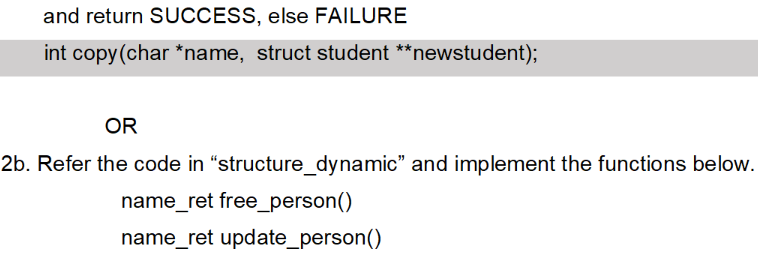
Description automatically generated

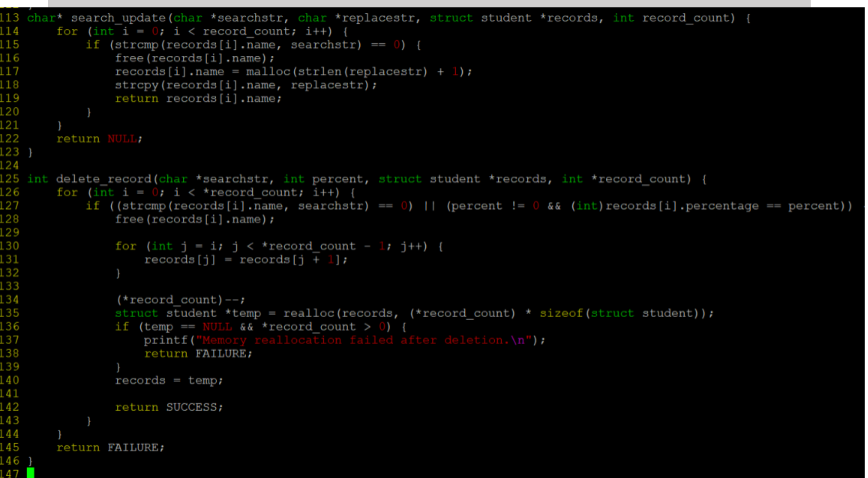


A screen shot of a computer

Description automatically generated







A computer screen with text on it

Description automatically generated