Structure and Dynamic Memory Management assignments

Mandatory

 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.

```
user72@trainux01:~/Assignments$ ./a.out user1,90;
No. of records: 1
Record 1:
Name: user1, Percentage: 90
Updated name: user100
No. of records: 1
Record 1:
Name: user100, Percentage: 90
```