

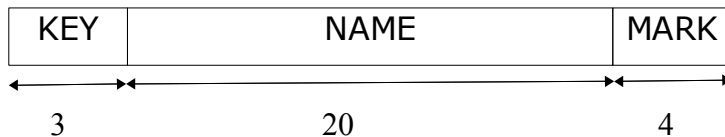
CSE2031

Lab 8 FALL 2009

In this lab, you will write a merge program that merges two sorted files into a single sorted file and displays it.

Specifications

The input to your program is two sorted files. Each file consists of a number of records similar to hw2.



The key is a 3 byte key

Name is a 20 bytes string (the actual name may be less than 20 bytes, the name will end with the null character. The rest of the bytes might contains any value and is not part of the string.

Mark is an integer.

The two input files are sorted according to MARK (descending order) **In case of 2 records with the same MARK it is sorted by the NAME field. Sorting by NAME is not case sensitive.**

Your program should access the two input files are ../../L7in.dat and ../../L7ina.dat

The output should be displayed on the standard output according to the following format.

KEY is displayed in 3 positions followed by 2 spaces.

Name is displayed in 20 positions, left justified. That is the entire name (without the null character is displayed then padded with spaces to 20 positions.

Mark is displayed as an integer in 4 digits right justified followed by \n.

Example

```
ABC  John Doe                29
*****
```

Submit

the program should be names l8.c and the submit command is

submit 2031 l8 l8.c