**Crack The Campus**

**Alpha Numeric Sorting**

**Problem Description:**

In a particular auditorium, the students have been allotted seats randomly. But then the management realized the wrong allocation of seats and decides that the seats have to be re-allotted to the students. Now your task is to sort the student names and seat numbers so that the seats are allotted in a sorted order. Student names can be in upper or lower case. You have to convert them into lowercase and then sort and print them along with the new seat numbers.

**Input Format:**First line contains total number of students, denoted by N.

Next N lines, each contains a text in which student names are at odd position and their current seat numbers are at even position and are delimited by space.

**Output Format:**Student names and their new seat numbers sorted in ascending order and printed in a manner that a name is followed by respective seat number.

**Constraints:**

1. Text starts with a word

2. Count of words and numbers are the same.

3. Duplicate elements are not allowed

4. Words should be printed in lower case.

5. No special characters allowed in text.

[**Sample Input and Output**](https://www.blogger.com/null)

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Input** | **Output** |
| 1. | 4 Sagar 35  sanjay 12  ganesH 53  ramesh 19 | ganesh 12  ramesh 19  sagar 35  sanjay 53 |
| 2. | 3  Ganesh 59  suresh 19  laliT 96 | ganesh 19  lalit 59  suresh 96 |