**Crack The Campus**

**Alpha Numeric Sorting**

1. Read the input number (StudentCount) entered by the user and store it in an integer data type.
2. Read twice the StudentCount inputs from user and stored it in a two dimensional char array (word array) and one dimensional integer array (number array)

**FUNCTION : sortWordArray (word array, totalInput)**

1. Make a one dimensional array called temp array.
2. Select first element (selection position) of the word array and compare it with the second element and check that if first element is not alphabetically smaller than second, then interchange their positions in the word array by using temp array.
3. Repeat step (4) for all the elements which is at right side of the selection position.
4. Change the selection position to next element of the word array and repeat steps 4-6 till second last element of the word array.
5. At last we would have an alphabetically ascending order list of student names stored in word array.

**FUNCTION : sortNumberArray (number array, totalInput)**

1. Make a one dimensional array called temp array.
2. Select first element (selection position) of the number array and compare it with the second element and check that if first element is not smaller than second, then interchange their positions in the number array by using temp array.
3. Repeat step (9) for all the elements which is at right side of the selection position.
4. Change the selection position to next element of the number array and repeat steps 9-11 till second last element of the number array.
5. At last we would have an ascending order list of seat numbers stored in number array.

**FUNCTION : printSortedList (word array , number array, totalInput)**

1. Print the ascending order sorted list by printing student names from word array followed by their respective seat numbers from number array.

Functions to be used :

1. **sortWordArray (word array, totalInput)**
2. **sortNumberArray (number array, totalInput)**
3. **printSortedList (word array , number array, totalInput)**