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#include <stdio.h>
#include <string.h>
#define max 100
void swap(char *str1, char *str2);
void lexicographic(char arr[][max], int n) ;

void main() {
    int n;

    printf("Enter the number of strings: ");
    scanf("%d", &n);

    char strings[n][max];

    for (int i = 0; i < n; i++) {
        printf("Enter string %d: ", i + 1);
        scanf("%s", strings[i]);
    }

    lexicographic(strings, n);

    printf("\nSorted Strings:\n");
    for (int i = 0; i < n; i++) {
        printf("%s\n", strings[i]);
    }

}
```

```

void swap(char *str1, char *str2) {
    char temp[max];
    strcpy(temp, str1);
    strcpy(str1, str2);
    strcpy(str2, temp);
}

void lexicographic(char arr[][max], int n) {
    for (int i = 0; i < n - 1; i++) {
        for (int j = 0; j < n - i - 1; j++) {
            if (strcmp(arr[j], arr[j + 1]) > 0) {

                swap(arr[j], arr[j + 1]);
            }
        }
    }
}

```

Output:

```

Enter the number of strings: 4
Enter string 1: hello
Enter string 2: queen
Enter string 3: world
Enter string 4: wizard

Sorted Strings:
hello
queen
wizard
world

```