Sort above data by name.

```c
#include <stdio.h>
#include <string.h>

// Define structure for student
struct student {
        int rollno;
        char name[20];
        char department[40];
        int year_of_joining;
        float score;
};

int main() {
        // Declare an array of struct student to store data for 5 students
        struct student students[5];

        // Input data for 5 students
        for (int i = 0; i < 5; i++) {
        printf("\nEnter details for student %d:\n", i + 1);

        printf("Enter Roll Number: ");
        scanf("%d", &students[i].rollno);

        printf("Enter Name: ");
        scanf("%s", students[i].name);

        printf("Enter Department: ");
        scanf("%s", students[i].department);

        printf("Enter Year of Joining: ");
        scanf("%d", &students[i].year_of_joining);

        printf("Enter Score: ");
        scanf("%f", &students[i].score);
        }

        // Sort students by name using Bubble Sort
        for (int i = 0; i < 5 - 1; i++) {
        for (int j = 0; j < 5 - i - 1; j++) {
        if (strcmp(students[j].name, students[j + 1].name) > 0) {
                // Swap students if they are out of order
```

```c
            struct student temp = students[j];
            students[j] = students[j + 1];
            students[j + 1] = temp;
        }
    }
}


// Displaying sorted data for 5 students
printf("\nStudent Details (sorted by name)\n");
for (int i = 0; i < 5; i++) {
printf("\nDetails of student %d:\n", i + 1);
printf("Roll Number: %d\n", students[i].rollno);
printf("Name: %s\n", students[i].name);
printf("Department: %s\n", students[i].department);
printf("Year of Joining: %d\n", students[i].year_of_joining);
printf("Score: %.2f\n", students[i].score);
}

return 0;
}
```