

```

#include <stdio.h>

struct records {
    char name[500];
    int roll;
    float marks;
};

int main() {
    struct records s[1000], temp;
    int i, j, n;

    printf("Enter the number of records you want to enter: ");
    scanf("%d", &n);

    for(i = 0; i < n; i++) {
        s[i].roll = i + 1;

        printf("\nStudent %d\n", s[i].roll);

        printf("Enter name: ");
        scanf(" %[^\n]", s[i].name); // reads full name including spaces

        printf("Enter marks: ");
        scanf("%f", &s[i].marks);
    }

    // Sorting in ascending order of marks
    for(i = 0; i < n - 1; i++) {
        for(j = i + 1; j < n; j++) {
            if(s[i].marks < s[j].marks) {
                temp = s[i];
                s[i] = s[j];
                s[j] = temp;
            }
        }
    }

    // Displaying sorted records
    printf("\nSorted records (ascending by marks):\n\n");
    for(i = 0; i < n; i++) {
        printf("Roll: %d\n", s[i].roll);
        printf("Name: %s\n", s[i].name);
        printf("Marks: %.2f\n\n", s[i].marks);
    }

    return 0;
}

```