

Modify above program for 5 students.

```
#include <stdio.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);
    }

    // Displaying data for 5 students
    printf("\nStudent Details\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;
}
```