

# exp9task1miss.c

```
#include
/*Name:Misbah Shaikh
roll no:51
UIN:241A060
Branch:AI&DS
*/
struct student_record{
char name[50];
int roll_number;
float total_marks;
};

void input_student_data(struct student_record students[],int n){
for (int i = 0; i<n; i++){
printf("enter details for structure %d:\n",i+1) ;
printf("name:");
scanf("%s",students[i].name);
printf("roll number:");
scanf("%d",&students[i].roll_number);
printf("total marks:");
scanf("%f",&students[i].total_marks);
}
}

int find_topper(struct student_record students[],int n){
int topper_index = 0;
for(int i = 1;i<n;i++){
if(students[i].total_marks>students[topper_index].total_marks){
topper_index = i;
}
}
return topper_index;
}

int main () {
int n = 5;
struct student_record students[n];
printf("\t\t*** topper finder***\n\n");
input_student_data(students,n);
int topper_index = find_topper(students,n);
printf("\ntopper details:\n");
printf("name:%s\n", students[topper_index].name);
printf("roll number:%d\n",students[topper_index].roll_number);
printf("total marks:%.2f\n", students[topper_index].total_marks);
return 0;

}
```