

**Define a structure named Time with members hours, minutes, and seconds. Write a C program to input two times, add them, and display the result in proper time format.**

```
#include<stdio.h>

struct time{
    int hours;
    int minutes;
    int seconds;
};

struct time t[2];

void addTime(){
    int hour = 0, minutes = 0, seconds = 0;

    for(int i=0;i<2;i++){
        hour += t[i].hours;
        minutes += t[i].minutes;
        seconds += t[i].seconds;
    }
    if(minutes%60 > 0){
        hour++;
        minutes %= 60;
    }
    if(seconds%60 > 0){
        minutes++;
        seconds %= 60;
    }

    printf("The sum of time is %d:%d:%d",hour,minutes,seconds);
}

int main(){

    for(int i=0;i<2;i++){
        printf("Time - %d",i+1);
        printf("\nEnter the hour : ");
        scanf("%d",&t[i].hours);
        printf("\nEnter the minutes : ");
        scanf("%d",&t[i].minutes);
        printf("\nEnter the seconds : ");
        scanf("%d",&t[i].seconds);
    }
}
```

```

    addTime();

    return 0;
}

```

The screenshot shows the Programiz C Online Compiler interface. The top navigation bar includes the Programiz logo, a Fiverr advertisement, and a 'C Certification' button. The main workspace is divided into three sections: a file explorer on the left, a code editor in the center, and an output console on the right.

**Code Editor (main.c):**

```

1 // sort the students based on their total_mark
2 #include<stdio.h>
3 #include<string.h>
4 #define noOfStudents 2 // change the number of students here
5 struct Student{
6     int roll_no;
7     char name[90];
8     char dob[20];
9     float total_mark;
10 };
11
12 struct Student students[noOfStudents];
13
14 void getValues(){
15     for(int i=0;i<noOfStudents;i++){
16         printf("Student - %d",i+1);
17         printf("\nEnter the student roll-no : ");
18         scanf("%d",&students[i].roll_no);
19         printf("\nEnter the student name : ");
20         scanf("%s",&students[i].name);
21         printf("\nEnter the student date of birth :: ");
22         scanf("%s",&students[i].dob);
23         printf("\nEnter the student total_marks : ");
24         scanf("%f",&students[i].total_mark);
25     }
26 }
27
28
29 }
30

```

**Output Console:**

```

/tmp/oLiYwYhycR.o
Student - 1
Enter the student roll-no : 2
Enter the student name : raj
Enter the student date of birth :: 2/03/2023
Enter the student total_marks : 430
Student - 2
Enter the student roll-no : 4
Enter the student name : theju
Enter the student date of birth :: 5/4/2022
Enter the student total_marks : 560
Student - 1
Roll No: 2
Name: raj
Date of Birth: 2/03/2023
Total Marks: 430.00

Student - 2
Roll No: 4
Name: theju
Date of Birth: 5/4/2022
Total Marks: 560.00

```