

<b>Status</b>	Finished
<b>Started</b>	Monday, 3 November 2025, 9:53 PM
<b>Completed</b>	Monday, 3 November 2025, 10:39 PM
<b>Duration</b>	45 mins 35 secs

### Question 1

Correct

The name and mileage of certain cars is passed as the input. The format is CARNAME@MILEAGE and the input is as a single line, with each car information separated by a space. The program must print the car with the lowest mileage. (Assume no two cars will have the lowest mileage)

## **Input Format:**

The first line contains the CARNAME@MILEAGE separated by a space.

## **Output Format:**

The first line contains the name of the car with the lowest mileage.

## **Boundary Conditions:**

The length of the input string is between 4 to 10000.

The length of the car name is from 1 to 50.

## Example Input/Output 1:

Input:

Zantro@16.15 Zity@12.5 Gamry@9.8

**Output:**

Gamry

**For example:**

Input	Result
Zantro@16.15 Zity@12.5 Gamry@9.8	Gamry

**Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<string.h>
3 int main()
4 {
5     char input[1000];
6     char car[100], lowestCar[100];
7     float mileage, lowestMileage=999999.0;
8     fgets(input,sizeof(input),stdin);
9     //...  
}
```

```
10 |     char * token=NULL,car[100];
11 |     while(token!=NULL)
12 |     {
13 |         sscanf(token,"%[@]@%f",car,&mileage);
14 |         if(mileage<lowestMileage)
15 |         {
16 |             lowestMileage=mileage;
17 |             strcpy(lowestCar,car);
18 |             token=strtok(NULL," ");
19 |         }
20 |         printf("%s\n",lowestCar);
21 |     }
22 | }
```

	Input	Expected	Got	
✓	Zantro@16.15 Zity@12.5 Gamry@9.8	Gamry	Gamry	✓

Passed all tests! ✓ //

**Question 2**

Correct

A certain number of people attended a meeting which was to begin at 10:00 am on a given day. The arrival time in HH:MM format of those who attended the meeting is passed as the input in a single line, with each arrival time by a space. The program must print the count of people who came late (after 10:00 am) to the meeting.

**Input Format:**

The first line contains the arrival time separated by a space.

**Output Format:**

The first line contains the count of late comers.

**Boundary Conditions:**

The length of the input string is between 4 to 10000.

The time HH:MM will be in 24 hour format (HH is hours and MM is minutes).

**Example Input/Output 1:**

Input:

10:00 9:55 10:02 9:45 11:00

Output:

2

Explanation:

The 2 people were those who came at 10:02 and 11:00

**For example:**

Input	Result
10:00 9:55 10:02 9:45 11:00	2

**Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
```

```
3 {  
4     char time[6];  
5     int h,m,count=0;  
6     while(scanf("%s",time)!=EOF)  
7     {  
8         sscanf(time,"%d:%d",&h,&m);  
9         if(h>10||(h==10&& m>0))  
10        {  
11            count++;  
12        }  
13    }  
14    printf("%d",count);  
15    return 0;  
16 }
```

	Input	Expected	Got	
✓	10:00 9:55 10:02 9:45 11:00	2	2	✓

Passed all tests! ✓

**Question 3**

Correct

A single line consisting of a set of integers, each separated by space is passed as input to the program. The program must print the sum of all the integers present.

**Input Format:**

The first line contains the integer values (Each separated by a space)

**Output Format:**

The first line contains the sum of all the integers.

**Boundary Conditions:**

The length of the input string is between 3 to 10000

The value of the integer values will be from -99999 to 99999

**Example Input/Output 1:**

Input:

100 -99 98 5

Output:

104

**Example Input/Output 2:**

Input:

100 200 -300 500 -450 -50

Output:

0

**For example:**

Input	Result
100 -99 98 5	104
100 200 -300 500 -450 -50	0

**Answer:** (penalty regime: 0 %)

```

1 #include<stdio.h>
2 int main()
3 {
4     int num,sum=0;
5     while(scanf("%d",&num)!=EOF)
6         sum+=num;
7     printf("%d",sum);
8     return 0;
9 }
```



	Input	Expected	Got	
✓	100 -99 98 5	104	104	✓
✓	100 200 -300 500 -450 -50	0	0	✓

Passed all tests! ✓