

Status	Finished
Started	Monday, 3 November 2025, 9:53 PM
Completed	Monday, 3 November 2025, 10:39 PM
Duration	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     char *token strtok(input," ");
```

```
9 char *token= strtok(input, " ");
10 while(token!=NULL)
11 {
12     sscanf(token,"%[^@]@%f",car,&mileage);
13     if(mileage<lowestMileage)
14     {
15         lowestMileage=mileage;
16         strcpy(lowestCar,car);
17     }
18     token=strtok(NULL," ");
19 }
20 printf("%s\n",lowestCar);
21 return 0;
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()
```

```
1  int main()
2  {
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! ✓