

Status	Finished
Started	Monday, 3 November 2025, 8:26 PM
Completed	Monday, 3 November 2025, 9:04 PM
Duration	37 mins 22 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 #include<stdlib.h>
4 int main(){
5     char input[1000];
6     fgets(input,sizeof(input),stdin);
7     char*token=strtok(input," ");
8     char car[100],minCar[100];
9     float mileage, minMileage=999999.0;
10    while(token!=NULL){

```

```
11 sscanf(token, "%[@]@%f", car, &mileage);
12 if(mileage<minMileage){
13 minMileage=mileage;
14 strcpy(minCar, car);
15 }
16 token=strtok(NULL, " ");
17 }
18 printf("%s\n", minCar);
19 return 0;
20 }
```

	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 #include<string.h>
3 int main(){
```

```
4     char input[1000];
5     fgets(input, sizeof(input), stdin);
6     char*token;
7     int hour,min;
8     int count=0;
9     token=strtok(input, " ");
10    do{
11        sscanf(token, "%d:%d", &hour,&min);
12        if(hour>10 || (hour==10 && min>0)){
13            count++;
14        }
15        token=strtok(NULL, " ");
16    }while(token!=NULL);
17    printf("%d\n",count);
18    return 0;
19 }
```

	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

Input	Result
100 200 -300 500 -450 -50	0

Answer: (penalty regime: 0 %)

```

1 #include<stdio.h>
2 #include<string.h>
3 #include<stdlib.h>
4 int main(){
5     char input[1000];
6     fgets(input,sizeof(input),stdin);
7     char*token;
8     int num, sum=0;
9     token=strtok(input, " ");
10    do{
11        if(token==NULL)
12            break;
13        num=atoi(token);
14        sum+=num;
15        token=strtok(NULL, " ");
16    }while(token!=NULL);
17    printf("%d\n",sum);
18    return 0;
19 }
```

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

Passed all tests! ✓