

Status	Finished
Started	Wednesday, 29 October 2025, 5:54 PM
Completed	Wednesday, 29 October 2025, 7:46 PM
Duration	1 hour 52 mins

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[10000];
6     fgets(input, sizeof(input), stdin);
7
8     char *token;
9     char lowestCar[100];
10    double lowestMileage = 9999999.0;
```

```

11
12     token = strtok(input, " ");
13     while(token != NULL) {
14         char carname[100];
15         double mileage;
16
17         char *atSign = strchr(token, '@');
18         if(atSign != NULL) {
19
20             *atSign = '\0';
21             strcpy(carname, token);
22             mileage = atof(atSign + 1);
23
24             if(mileage < lowestMileage) {
25                 lowestMileage = mileage;
26                 strcpy(lowestCar, carname);
27             }
28         }
29
30         token = strtok(NULL, " ");
31     }
32     printf("%s", lowestCar);
33     return 0;
34 }
35

```

	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 #include<stdlib.h>
```

```

4  ▾ int time_to_minutes(const char* time_str){
5      int hours, minutes;
6      sscanf(time_str, "%d:%d", &hours, &minutes);
7      return hours * 60 + minutes;
8  }
9  ▾ int main(){
10     char input[10001];
11     fgets(input, sizeof(input), stdin);
12     input[strcspn(input, "\n")] = 0;
13     char* token;
14     int late_comers = 0;
15     int meeting_start_time_minutes = -1;
16     token = strtok(input, " ");
17  ▾ if(token != NULL){
18         meeting_start_time_minutes = time_to_minutes(token);
19     }
20  ▾ while((token = strtok(NULL, " ")) != NULL){
21         int arrival_time_minutes = time_to_minutes(token);
22  ▾ if(arrival_time_minutes > meeting_start_time_minutes){
23             late_comers++;
24         }
25     }
26     printf("%d\n", late_comers);
27     return 0;
28 }
29

```

	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<stdlib.h>
3  #include<string.h>
4  int main()
5  {
6      char input[10001];
7      fgets(input,sizeof(input), stdin);
8      long long sum = 0;
9      char*p = input;
10     char*end;
11     while(*p){
12         long num = strtol(p, &end, 10);
13         sum +=num;
14         if(p == end){
15             break;
16         }
17         p = end;
18     }
19     printf("%lld\n", sum);
20     return 0;
21 }
```

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

Passed all tests! ✓