Status	Finished
Started	Monday, 3 November 2025, 12:42 PM
Completed	Monday, 3 November 2025, 1:24 PM
Duration	42 mins 21 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 %)

```
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
int main(){
    char input[10000];
    fgets(input, sizeof(input), stdin);

    char *token;
    char lowestCar[100];
    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  }
```

	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>
```

```c
int time_to_minutes(const char* time_str){
    int hours, minutes;
    sscanf(time_str, "%d:%d", &hours, &minutes);
    return hours * 60 + minutes;
}
int main(){
    char input[10001];
    fgets(input, sizeof(input), stdin);
    input[strcspn(input, "\n")] = 0;
    char* token;
    int late_comers = 0;
    int meeting_start_time_minutes = -1;
    token = strtok(input, " ");
    if(token != NULL){
        meeting_start_time_minutes = time_to_minutes(token);
    }
    while((token = strtok(NULL, " ")) !=NULL){
        int arrival_time_minutes = time_to_minutes(token);
        if(arrival_time_minutes > meeting_start_time_minutes){
            late_comers++;
        }
    }
    printf("%d\n", late_comers);
    return 0;
}
```

	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 %)

```c
#include<stdio.h>
#include<stdlib.h>
#include<string.h>
int main()
{
    char input[10001];
    fgets(input,sizeof(input), stdin);
    long long sum = 0;
    char*p = input;
    char*end;
    while(*p){
        long num = strtol(p, &end, 10);
        sum +=num;
        if(p == end){
            break;
        }
        p = end;
    }
    printf("%lld\n", sum);
    return 0;
}
```

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

Passed all tests! ✓