Status	Finished
Started	Monday, 3 November 2025, 6:21 PM
Completed	Monday, 3 November 2025, 6:47 PM
Duration	26 mins 2 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>
int main ()
{
char s[10000],car[50],name[50];
float m,min=1e9;
```

```
scanf ("%[^\n]",s);
char *p=strtok (s, " ");
while (p) {
sscanf(p, "%[^@]@%f", car,&m);
if(m < min) { min = m;
strcpy(name, car); }
p=strtok(NULL, " "); }
printf ("%s", name);
return 0;
}
```

	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 %)

```c
#include <stdio.h>
#include <string.h>
int time_to_minutes(const char*time_str){
    int hours,minutes;
    if (sscanf (time_str, " %d:%d", &hours,&minutes)==2) {
        return hours * 60+minutes;
    }
    return -1;
    }
    int main(){
        const int start_time_minutes = 600;
        int late_comers_count=0;
        char time_str[6];
        while (scanf ("%ss",time_str)==1)
        {
            int arrival_time_minutes=time_to_minutes(time_str);
            if (arrival_time_minutes>start_time_minutes &&  arrival_time_mi
                late_comers_count++;

            }
        }
    printf ("%d\n",late_comers_count);
    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
100 200 -300 500 -450 -50	0

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main ()
{
    long long sum=0;
    int current_number;
    while (scanf ("%d",&current_number)==1){
        sum+= current_number;
    }
    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! ✓