

Status	Finished
Started	Saturday, 1 November 2025, 7:18 PM
Completed	Saturday, 1 November 2025, 7:41 PM
Duration	23 mins 23 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[10001];
6     fgets(input,sizeof(input),stdin);
```

```

7   char*token=strtok(input," ");
8   char lowestCar[51];
9   double lowestMileage=1e9;
10  while(token!=NULL){
11      char*at=strchr(token,'@');
12      if(at!=NULL){
13          *at='\0';
14          char*carName=token;
15          double mileage=atof(at+1);
16          if(mileage<lowestMileage){
17              lowestMileage=mileage;
18              strcpy(lowestCar,carName);
19          }
20      }
21      token=strtok(NULL," ");
22  }
23  printf("%s\n",lowestCar);
24  return 0;
25  }

```

	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 main(){
5      char input[10001];
6      fgets(input,sizeof(input),stdin);
7      char *token=strtok(input," ");
8      int lateCount=0;
9      while(token!=NULL){
10         int hour,minute;
11         sscanf(token,"%d:%d",&hour,&minute);
12         if(hour>10||(hour==10&&minute>0)){
13             lateCount++;
14         }
15         token=strtok(NULL," ");
16     }
17     printf("%d\n",lateCount);
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
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[10001];
6      fgets(input,sizeof(input),stdin);
7      char *token=strtok(input," ");
8      long long sum=0;
9      while(token!=NULL){
10         sum+=atoi(token);
11         token=strtok(NULL," ");
12     }
13     printf("%lld\n",sum);
14     return 0;
15 }
```

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

Passed all tests! ✓