

Status	Finished
Started	Sunday, 9 November 2025, 12:25 PM
Completed	Sunday, 9 November 2025, 1:15 PM
Duration	50 mins 4 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
5 int main()
6 {
7     char input[10000];
8     char car[50];
9     float mileage;
10    char lcar[50];
```

```
11 float l mileage=999999.0;
12 fgets(input,sizeof(input),stdin);
13 input[strcspn(input,"\n")]='\0';
14 char*token=strtok(input," ");
15 while(token !=NULL)
16 {
17     sscanf(token,"%[^@]@%f",car,&mileage);
18     if(mileage<l mileage)
19     {
20         l mileage=mileage;
21         strcpy(l car,car);
22     }
23     token=strtok(NULL," ");
24 }
25 printf("%s",l car);
26 return 0;
27 }
```

	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 | int main()
3 | {
  | . . .
```

```
4      int nn, mm;
5      int count=0;
6      int result;
7
8      do
9  {
10         result=scanf("%d:%d",&hh,&mm);
11
12         if(result==2)
13     {
14         if(hh>10 || (hh==10&&mm>0))
15             count++;
16     }
17 }
18 while(result==2);
19 printf("%d\n",count);
20 return 0;
21
22 }
```

	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
3  int main()
4  {
5      int num;
6      int sum=0;
7      int result;
8      do
9      {
10         result=scanf("%d",&num);
11         if(result==1)
12             sum+=num;
13     }
14     while(result==1);
15     printf("%d\n",sum);
16     return 0;
17
18 }
```

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

Passed all tests! ✓