

<b>Status</b>	Finished
<b>Started</b>	Sunday, 2 November 2025, 11:53 AM
<b>Completed</b>	Sunday, 2 November 2025, 12:34 PM
<b>Duration</b>	40 mins 57 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  int main()
3  {
4      char name[50];
5      double mileage,minMileage=1e9;
6      char minName[50];
7      while(scanf("%[^@]@%lf",name,&mileage)==2)
8      {
9          if(mileage<minMileage)
10         {
```

```
11         minMileage=mileage;
12         for(int i=0;(minName[i]=name[i]);i++);
13
14     }
15 }
16 printf("%s",minName);
17 }
```

	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      char time[6];
5      int hh,mm,count=0;
6      while(scanf("%5s",time)==1)
7      {
8          sscanf(time,"%d:%d",&hh,&mm);
9          if(hh>10 || (hh==10 && mm>0))
10             count++;
11
12     }
13     printf("%d",count);
14 }
```

	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	0

**Answer:** (penalty regime: 0 %)

```

1  #include <stdio.h>
2  int main()
3  {
4      int num,sum=0;
5      while(scanf("%d",&num)==1)
6      {
7          sum+=num;
8          if(getchar()=='\n')
9              break;
10
11     }
12     printf("%d",sum);
13 }
```

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

Passed all tests! ✓