

|                  |                                  |
|------------------|----------------------------------|
| <b>Status</b>    | Finished                         |
| <b>Started</b>   | Monday, 3 November 2025, 3:02 PM |
| <b>Completed</b> | Monday, 3 November 2025, 3:41 PM |
| <b>Duration</b>  | 38 mins 54 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 s[1000000],name[50],mincar[50];
6     float mil,min=999999;
```

```

7   scanf("%[^\\n]",s);
8   int i=0,j;
9   while(s[i]) {
10      j=0;
11      while(s[i] != '@')
12          name[j++]=s[i++];
13      name[j]='\0';i++;
14      mil=atof(&s[i]);
15      if(mil<min) {min=mil;strcpy(mincar,name);}
16      while(s[i]&& s[i]!=' ')i++;
17      if(s[i] == ' ')i++;
18  }
19  printf("%s",mincar);
20 }
```

|   | 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      int h,m;
4      int count =0;
5      while (scanf("%d:%d", &h,&m)== 2) {
6          if (h > 10 || (h == 10&& m>0)) count ++;
7      }
8      printf("%d\n", count);
9      return 0;
10 }
```

|   | 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  int main() {
3      int n,sum=0;
4      while (scanf("%d", &n) ==1) {
5          sum +=n;
6      }
7      printf("%d", sum);
8      return 0;
9  }
```



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

Passed all tests! ✓