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Code, Compile & Run

Ide   ✗   +

| Contest Code/Name (e.g. JULY15/PRACTICE) | Problem Code/Name (e.g. TEST) | **Select** |

C (gcc 6.3)   ▾   💾   🗑   Code gets autosaved every second   ❶   ⬇   ⤢   ⚙

```c
1   #include<stdio.h>
2   int main() {
3       int data[5];
4
5       printf("Enter elements: ");
6       for (int i = 0; i < 5; ++i)
7           scanf("%d", data + i);
8
9       printf("You entered: \n");
10      for (int i = 0; i < 5; ++i)
11          printf("%d\n", *(data + i));
12      return 0;
13  }
14
```

0:0   ♺

Open File   ✓ Custom Input   **Run**

Custom Input

1 2 3 4 5

Status Successfully executed   **Date** 2020-07-18 14:59:28   **Time** 0 sec   **Mem** 9.424 kB   ✗

Input

1 2 3 4 5

Output

Enter elements: You entered:
1
2
3
4
5

Algorithm :-

Step 1 : start

Step 2 : Input str 1

Step 3 : s = &count

Step 4 : count = 0

Step 5 : for (i=0 ; str1[i] != '\0'; i++)
$$*s = *s + 1$$

Step 6 : string length is
output *s

Step 7 : stop.

Flowchart

```
        ┌─────────┐
        │  start  │
        └────┬────┘
             │
             ▼
      ╱───────────────╱
     ╱  Input str1   ╱
    ╱───────────────╱
             │
             ▼
      ┌───────────────┐
      │  s = f count  │
      └───────┬───────┘
              │
              ▼
  ◁─────────────────────────────────▷
   for(i=0; str1[i]!='\0'; i++)
  ◁─────────────────────────────────▷
              │
              ▼
      ┌───────────────┐
      │  *S1 = *S'+1  │
      └───────┬───────┘
              │
              ▼
    ╱─────────────────────────╱
   ╱  string  length  is     ╱
  ╱   output  * s            ╱
 ╱─────────────────────────╱
              │
              ▼
        ┌─────────┐
        │  stop   │
        └─────────┘
```