

Objective

This challenge will help you to learn how to take a character, a string and a sentence as input in C.

To take a single character **ch** as input, you can use `scanf("%c", &ch);` and `printf("%c", ch)` writes a character specified by the argument `char` to `stdout`

```
char ch;
scanf("%c", &ch);
printf("%c", ch);
```

This piece of code prints the character **ch**.

You can take a string as input in C using `scanf("%s", s)`. But, it accepts string only until it finds the first space.

In order to take a line as input, you can use `scanf("%[^\n]*c", s);` where **s** is defined as `char s[MAX_LEN]` where **MAX_LEN** is the maximum size of **s**. Here, `[]` is the `scanfset` character. `^\n` stands for taking input until a newline isn't encountered. Then, with this `%*c`, it reads the newline character and here, the used `*` indicates that this newline character is discarded.

Note: The statement: `scanf("%[^\n]*c", s);` will not work because the last statement will read a newline character, `\n`, from the previous line. This can be handled in a variety of ways. One way is to use `scanf("\n");` before the last statement.

Task

You have to print the character, **ch**, in the first line. Then print **s** in next line. In the last line print the sentence, **sen**.

Input Format

First, take a character, **ch** as input.

Then take the string, **s** as input.

Lastly, take the sentence **sen** as input.

Constraints

Change Theme Language: C



```
1  #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  int main()
7  {
8      /* Enter your code here. Read input from STDIN. Print
      STDOUT */
9      char ch,s[50],sen[100];
10     scanf("%c",&ch);
11     scanf("\n%[^\n]*c",&s);
12     scanf("\n%[^\n]*c",&sen);
13     printf("%c",ch);
14     printf("\n%s",s);
15     printf("\n%s",sen);
16
17
18     return 0;
```

Line: 21 Col: 1

[⬆ Upload Code as File](#)

Run Code

Submit Code

☐ Test against custom input

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

☒ Test case 0

Compiler Message

☒ Test case 1

Success

☒ Test case 2

Input (stdin)

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