hw0405

In C spec

7.21.6.3 The printf function

Returns

> The printf function returns the number of characters transmitted, or a negative value if an output or encoding error occurred.

7.21.6.4 The scanf function

Returns

> The scanf function returns the value of the macro EOF if an input failure occurs before the first conversion (if any) has completed. Otherwise, the scanf function returns the number of input items assigned, which can be fewer than provided for, or even zero, in the event of an early matching failure

experience ans sample code

Excute hw0405.c, we can try to input 1 2 3

Terminal:

> 1 2 3
> 1 2 3
> input: 3
> output: 6

we can know the scanf function return returns the number of input items assigned, and we can know printf returns the number of characters transmitted.Besides, we can also know printf return number include "\n" as one word.

How about input some word?

Terminal:

> hlw iweo wwo
> 0 0 0
> input: 0
> output: 6

scanf function return 0 because the variable didn't be assigned.

How about input the bigger number?

Terminal:

```
123 456 789
123 456 789
input: 3
output: 12
```

printf function return 12 beacuse the output is 12 words long "123 456 789\n"