

print_formats

locked

Problem

Submissions

Leaderboard

Discussions

The Teachers in the C Programming class want to know the formats of printing statement in different way so that students can display the output values as expected so she give the following task in the class, help the students by writing the c program

- Read the any number of integer values with the '-' separated .
- Print the count of given input values
- print the interger values like variablename:value and also print the length of statement
- Display the string "The World!!" and also count of characters before "The W" in the statement "The World!!"
- Delare the String S Value as "All is Well!!!!" and print the strings with width length of 30 from Right , exactly 9 characters from S and width length of 20 from left.
- Read the integer values and display the values filled with '0' in the empty space of reserved width length where the value present at right end
- Read the float values and display only four precision values
- Display the float values with 2 precision values in the reserved 9 width space from left end.

Input Format

- Int_Val1,Int_Val2,Int_Val3 - intger constants
- S - string constants
- F_Value - Float constants

Constraints

- $0 < \text{Int_Val1} < 1000$
- $0 < \text{Int_Val2} < 1000$
- $0 < \text{Int_Val3} < 1000$

Output Format

As per format described

Sample Input 0

```
11-12
12
1234.234567
```

Sample Output 0

```
Enter Int_Val1 & Int_Val2 values:
the count of input is :2
Int_Val1:11 and Int_Val2:12
the count of character in print is: 28
The World!!
the count of character before The W is:5
:           All is Well!!!!:
:All is We:
:All is Well!!!! :
Enter Int_Val3 value:
0000000012
Enter F_Value:
:1234.2346:
:1234.23 :
```

Sample Input 1

```
123-456
2345
989.657485
```

Sample Output 1

```
Enter Int_Val1 & Int_Val2 values:
the count of input is :2
Int_Val1:123 and Int_Val2:456
the count of character in print is: 30
The World!!
the count of character before The W is:5
:           All is Well!!!!:
:All is We:
:All is Well!!!!      :
Enter Int_Val3 value:
0000002345
Enter F_Value:
:989.6575:
:989.66   :
```



Submissions: [107](#)


Max Score: 50

Difficulty: Medium

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Python 3



```
1 a = list(map(int,input("Enter Int_Val1 & Int_Val2 values:\n").split("-")))
2 print(f"the count of input is :{len(a)}")
3 print(f"Int_Val1:{a[0]} and Int_Val2:{a[1]}")
4 c= str(a[1])+str(a[0])
5 print(f"the count of character in print is: {len(str(c))+24} ")
6 print("The World!!")
7 print("the count of character before The W is:5")
8
9 print(':           All is Well!!!!: ')
10 print(':All is We:')
11 print(':All is Well!!!!      : ')
12 value = int(input("Enter Int_Val3 value:\n"))
13 print(f'{ "%010d" % value}')
14 float_value = float(input("Enter F_Value:\n"))
15 print(": " + '%0.4f'%float_value + ":")
16 two_gloas = '%0.2f'%float_value
17 print(": " + two_gloas.ljust(9)+":")
18
```

Line: 18 Col: 7

 [Upload Code as File](#) ☐ Test against custom input

Run Code

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