🖉 Practice Arena

Practice problems aimed to improve your coding skills.

- 📂 PRACTICE-02_SCAN-PRINT
- 📂 PRACTICE-03_TYPES
- 📂 LAB-PRAC-02_SCAN-PRINT
  - ❷ Mr C goes on a diet
  - ❷ Permute Password
  - ❷ Escapes around Tutors
  - ❷ Amusing Fractions
  - ❷ P and C
  - ❷ Build a Rhombus
  - ❷ Developing Interest at IITK
  - ❷ Pick your Choice
  - ❷ Lego Safe
  - ❷ Race Car
  - ❷ Reverse Gear
  - ❷ Numerical Flowers
- 📂 LAB-PRAC-01
- 📂 PRACTICE-04_COND
- 📂 BONUS-PRAC-02
- 📂 LAB-PRAC-03_TYPES
- 📂 PRACTICE-05_COND-LOOPS
- 📂 LAB-PRAC-04_COND
- 📂 LAB-PRAC-05_CONDLOOPS
- 📂 PRACTICE-07_LOOPS-ARR
- 📂 LAB-PRAC-06_LOOPS
- 📂 LAB-PRAC-07_LOOPS-ARR
- 📂 LABEXAM-PRAC-01_MIDSEM
- 📂 PRACTICE-09_PTR-MAT
- 📂 LAB-PRAC-08_ARR-STR
- 📂 PRACTICE-10_MAT-FUN
- 📂 LAB-PRAC-09_PTR-MAT
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- 📂 PRACTICE-11_FUN-PTR
- 📂 LAB-PRAC-11_FUN-PTR
- 📂 LAB-PRAC-12_FUN-STRUC
- 📂 LABEXAM-PRAC-02_ENDSEM
- 📂 LAB-PRAC-13_STRUC-NUM
- 📂 LAB-PRAC-14_SORT-MISC

Numerical Flowers

LAB-PRAC-02_SCAN-PRINT

Numerical Flowers [10 marks]

Problem Statement

We will give you two single digit non-negative numbers, i.e. between 0-9. Suppose we give you the digits 3 and 0. Then your job is to print the following flowery pattern.

```
0 0 0
\ | /
 ---3---
/ | \
0 0 0
```

We can reveal that there are 3 spaces between the zeros.

Caution

1. Take good care not to have extra/missing spaces or extra/missing lines in your output. These will fail an exact match and the autograder will give you a zero.
2. Do not use any library other than stdio.h
3. The code to take in an input (using scanf) has already been provided to you.

HINTS: Use the visible test cases to make sure you do not have any extra/missing lines or extra/missing spaces.

EXAMPLE:
INPUT:
3 0

OUTPUT:
```
0 0 0
\ | /
 ---3---
/ | \
0 0 0
```

Grading Scheme:
Total marks: **[10 Points]**

There will be no partial grading in this question. An exact match will receive full marks whereas an incomplete match will receive 0 marks. Please be careful of missing/extra spaces and missing/lines (take help of visible test cases). Each visible test case is worth 2 points and each hidden test case is worth 4 points. There is 1 visible and 2 hidden test cases.

🍴 Start Solving! (/editor/practice/5960)