Practice Arena

Practice problems aimed to improve your coding skills.

- PRACTICE-02_SCAN-PRINT
- PRACTICE-03_TYPES
- LAB-PRAC-02_SCAN-PRINT
- 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
  - Fill in the Square
  - Pretty Numbers
  - Block Cipher
  - The Fibonacci Facade
  - Stream AM GM
  - Int on Int
  - Bejewelled Brooch
  - Mobile Mixup
  - Primes are in C
  - Towering Numbers
  - A Run of One
  - Where are the primes-
- 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
- LAB-PRAC-10_MAT-FUN
- 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

Bejewelled Brooch

LAB-PRAC-06_LOOPS

Bejewelled Brooch [10 marks]

Problem Statement
You have to print the following beautiful pattern, given two **strictly positive integers** M and N. The first input will be M and then N will be provided after a space

1 3
0000000
0#0#0#0
0000000

2 2
00000
0#0#0
00000
0#0#0
00000

Thus, as you see, there will be M special rows where 0 (zero) and # alternate. There are N # signs present in each of these special rows and each # sign has one 0 sign to the left and to the right. Also, each special row has a row filled with 0 signs below and above it.

Caution

1. Be careful about extra/missing lines and extra/missing spaces.
2. There should be no trailing spaces at the end of each line or trailing new lines.
3. Be very careful, even though the evaluation may give you marks for extra spaces and newlines, **the autograder will give you zero marks** for any extra spaces or new lines.

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 points. Please be careful of missing/extra spaces and missing/lines (take help of visible test cases). Each visible test case is worth 1 point and each hidden test case is worth 2 points. There are 2 visible and 4 hidden test cases.

Start Solving! (/editor/practice/6116)