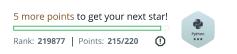
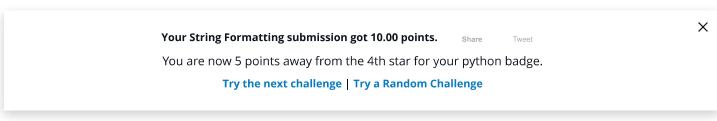
String Formatting *



Q



Problem Submissions Leaderboard Editorial △

Given an integer, n, print the following values for each integer i from 1 to n:

1. Decimal

2. Octal

3. Hexadecimal (capitalized)

4. Binary

The four values must be printed on a single line in the order specified above for each i from 1 to n. Each value should be space-padded to match the width of the binary value of n.

Input Format

A single integer denoting **n**.

Constraints

• $1 \le n \le 99$

Output Format

Print n lines where each line i (in the range $1 \le i \le n$) contains the respective decimal, octal, capitalized hexadecimal, and binary values of i. Each printed value must be formatted to the width of the binary value of i.

Sample Input

17

Sample Output

```
16 20 10 10000
17 21 11 10001
```

```
Change Theme
                                                                                                   Python 3
       def print_formatted(number):
   1
   2
            binary = bin(number)[2:]
            width = len(binary)
   3
   4
   5
            for i in range(1, number + 1):
                 decimal = str(i)
   7
                 octal = oct(i)[2:]
   8
                 hexadecimal = hex(i)[2:].upper()
  9
                 binary = bin(i)[2:]
  10
       print(decimal.rjust(width, ' ') + ' ' + octal.rjust(width, ' ') + ' ' +
hexadecimal.rjust(width, ' ') + ' ' + binary.rjust(width, ' '))
  11
  12
       if __name__ == '__main__':
  13
  14
            n = int(input())
  15
            print_formatted(n)
                                                                                                                             Line: 4 Col: 5
                      ☐ Test against custom input
                                                                                                                           Submit Code
                                                                                                           Run Code

↑ Upload Code as File
```

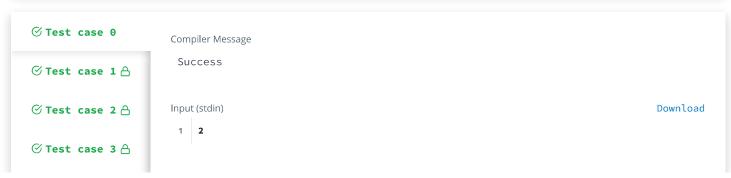
You have earned 10.00 points!

You are now 5 points away from the 4th star for your python badge.

95% 215/220







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