

Your String Formatting submission got 10.00 points.

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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

Function Description

Complete the `print_formatted` function in the editor below.

`print_formatted` has the following parameters:

- `int number`: the maximum value to print

Prints

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

Input Format

A single integer denoting ***n***.

Constraints

- $1 \leq n \leq 99$

Sample Input

```
17
```

Sample Output

1	1	1	1
2	2	2	10
3	3	3	11
4	4	4	100
5	5	5	101
6	6	6	110
7	7	7	111
8	10	8	1000
9	11	9	1001
10	12	A	1010
11	13	B	1011
12	14	C	1100

13	15	D	1101
14	16	E	1110
15	17	F	1111
16	20	10	10000
17	21	11	10001

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Language

Pypy 3



```
1 def print_formatted(number):
2     # your code goes here
3     width = len(bin(number)[2:])
4     for i in range(1, number+1):
5         dec_i = str(i)
6         oct_i = oct(i)[2:]
7         hex_i = hex(i).upper()[2:]
8         bin_i = bin(i)[2:]
9         print(dec_i.rjust(width),
10              oct_i.rjust(width),
11              hex_i.rjust(width),
12              bin_i.rjust(width))
13
14 if __name__ == '__main__':
15     n = int(input())
16     print_formatted(n)
```

Line: 1 Col: 1



Upload Code as File



Test against custom input

Run Code

Submit Code

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8%

235/400



Python  
\*\*\*\*\*


## Congratulations

Next Challenge


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✓ Test case 0

Compiler Message

✓ Test case 1 

Success

✓ Test case 2 

Input (stdin)

Download

1	2
---	---

✓ Test case 3 

Expected Output

Download

1	1	1	1	1
2	2	2	2	10