String Formatting

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
```