**String Formatting**

**Question:**

<https://www.hackerrank.com/challenges/python-string-formatting/problem>

**Answer:**

**def** print\_formatted(number):

    length = **len**("{0:b}".**format**(number))

**for** i **in** **range**(1, number+1):

**print**("{i:{length}d} {i:{length}o} {i:{length}X} {i:{length}b}".**format**(i=i, length=length))

**if** **\_\_name\_\_** == '\_\_main\_\_':

    n = **int**(**input**())

    print\_formatted(n)

**All about string formatting:**

<https://www.w3schools.com/python/ref_string_format.asp>

i = int(input())

length = len("{n:b}".format(n=i))

print(length)

print("{n:{length}x}".format(n=i, length = length))

print("{i:{length}d} {i:{length}o} {i:{length}X} {i:{length}b}".format(i=i, length=length))