

# Lexicographical Numbers

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1. You are given a number.
2. You have to print all the numbers from 1 to n in lexicographical order.

Note -> Check out the question video and write the recursive code as it is intended without changing signature. The judge can't force you but intends you to teach a concept.

```
def printLexi(n):  
  
    for i in range(1,10):  
        dfs(i,str(i),n)  
        print('\n')  
    return  
  
def dfs(i,ssf,n):  
    if int(ssf)>n:  
        return  
  
    print(ssf, end=" ")  
    for j in range(10):  
        dfs(i,ssf+str(j),n)  
  
printLexi(14)
```