Print in Lexicographical Order using Recursion

```python
def lexPrinting(n):
    for i in range(1, 10):
        dfs(i, n)
    return


def dfs(i, n):
    if i > n:
        return
    print(i)
    for j in range(10):
        dfs(10 * i + j, n)


lexPrinting(100)
```

1 10 100 11 12 13 14 15 16 17 18 19

2 20 21 22 23 24 25 26 27 28 29

3 30 31 32 33 34 35 36 37 38 39

4 40 41 42 43 44 45 46 47 48 49

5 50 51 52 53 54 55 56 57 58 59

6 60 61 62 63 64 65 66 67 68 69

7 70 71 72 73 74 75 76 77 78 79

8 80 81 82 83 84 85 86 87 88 89

9 90 91 92 93 94 95 96 97 98 99