

```

1  #include<bits/stdc++.h>
2  using namespace std;
3  void funA(int n);
4  void funB(int n);
5  // Recursion function work in circular fasion....
6  void funA(int n)
7  {
8      if(n > 0)
9      {
10         cout << n << " "; // 20 9 4 1
11
12         funB(n - 1);
13     }
14 }
15 void funB(int n)
16 {
17     if(n > 0)
18     {
19         cout << n << " "; // 19 8 3 ( 0 )
20
21         funB(n/2);
22     }
23 }
24 }
25 int main()
26 {
27     int a = 20;
28
29     funA(a);
30
31 }
32
33 /*
34     funA(20)
35     / |
36 20  funB(19)
37     / |
38 19  funA(9)
39     / |
40 9   funB(8)
41     / |
42 8   funA(4)
43     / |
44 4   funB(3)
45     / |
46 3   funA(1)
47     / |
48 1   funB(0)
49     |
50     x
51
52
53 */

```

