у	00
r2	
r3	
r4	
r5	
r6	
r7	
r8	
fp	
lr	
Space 4 bytes	
r0	
r1	FF

Value of n	Stack frames explained using n	Number of stack frames needed
0	0	1
1	1, 0	2
2	2, 1, 0	3
3	3, 2, 1, 0	4
4	4, 2, 1, 0	4
5	5, 4, 2, 1, 0	5
6	6, 3, 2, 1, 0	5
7	7, 6, 3, 2, 1, 0	6
8	8, 4, 2, 1, 0	5
9	9, 8, 4, 2, 1, 0	6
10	10, 5, 4, 2, 1, 0	6
11	11, 10, 5, 4, 2, 1, 0	7
12	12, 6, 3, 2, 1, 0	6