

Recursion:

```
void f(int n)
{
    → ① cout << n << endl;
    → ② if(n <= 0) return;
    → ③ f(n-1);
    → ④ cout << " :)" << n << endl;
}
```

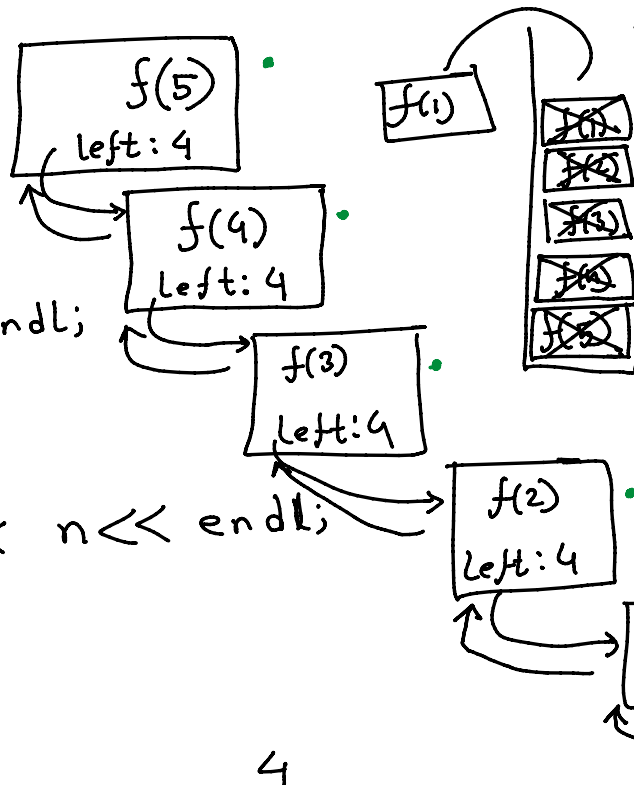
n=3

"4"

LN = "44"

"47"

"474"



STDOUT

5

4

3

2

1

0

e :) 1

: :) 2

: :) 3

: :) 4

: :) 5

4

44

444

447