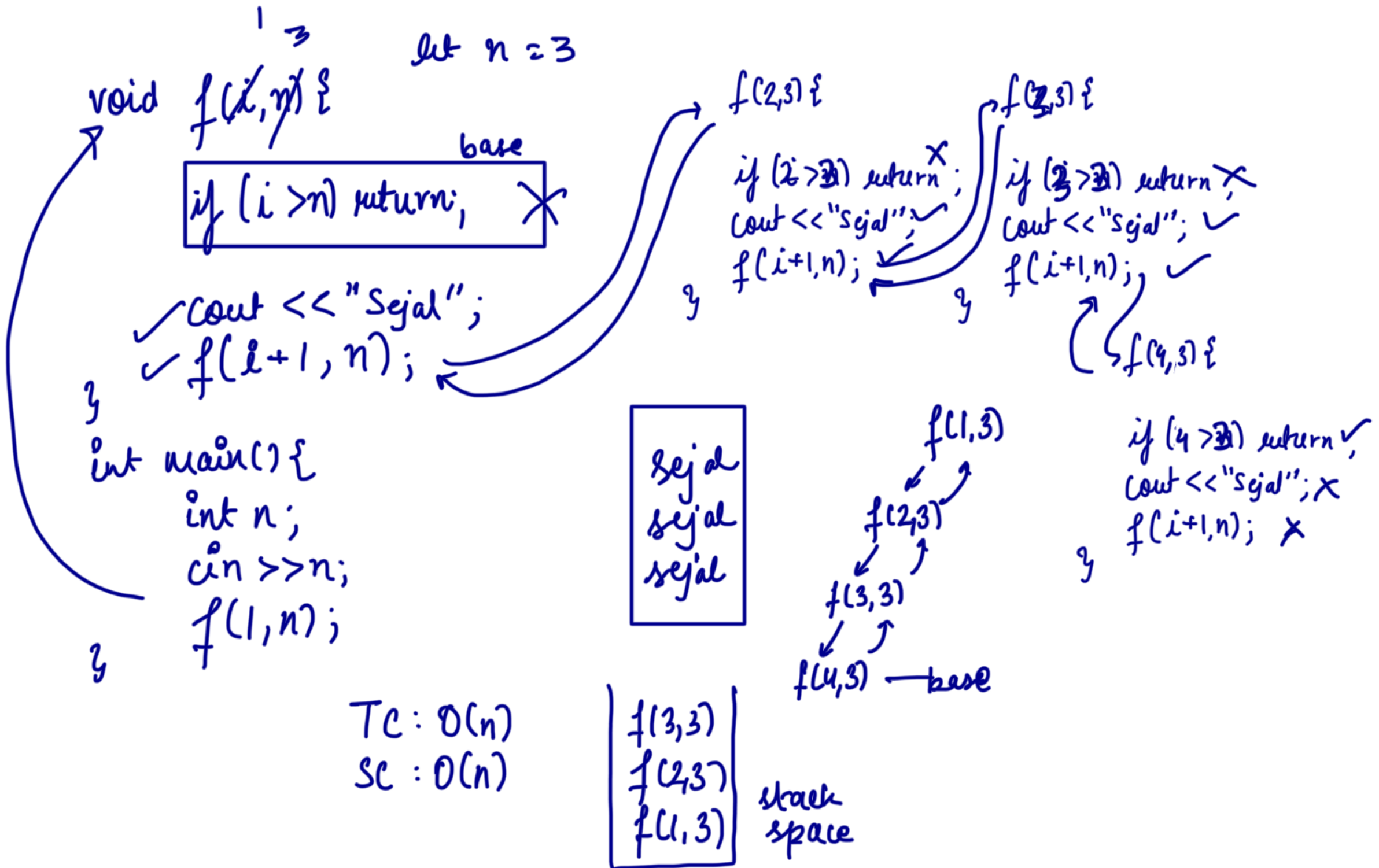


(Q) Print name n times using recursion



(Q2) print unary from $(1 \rightarrow N)$

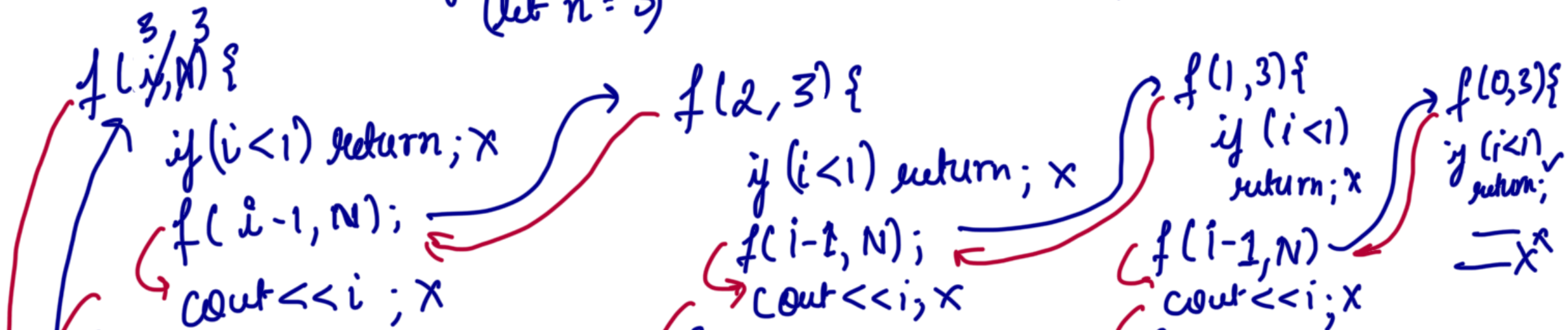
```
f(i, N) {  
    if (i > N) return;  
    cout << i;  
    f(i+1, N);  
}  
  
int main() {  
    int N;  
    cin >> N;  
    f(1, N);  
}
```

(Q3) print unary from $(N \rightarrow 1)$

```
f(i, n) {  
    if (i < 1) return;  
    cout << i;  
    f(i-1, n);  
}
```

```
int main() {  
    int n;  
    cin >> n;  
    f(n, n);  
}
```

(Q4) 1 to N (by backtracking) \rightarrow don't use $f(i+1, n)$
(let $n = 3$)



```

    }
    int main() {
        cin >> n;
        f(n, n);
    }

```

Output:

1
2
3

This happens when you write print after function call

(Q5) print N to 1 by backtracking [$f(i-1, n) \times$]
(let $n=3$)

