

2. Generate Fibonacci Sequence for N numbers:-

N = 8:-

0 1 1 2 3 5 8 13

index :- 0 1 2 3 4 5 6 7

fib(7) = 13

printFibo(4, 0)

①

printFibo(4, 1)

②

printFibo(4, 2)

③

printFibo(4, 3)

④

printFibo(4, 4)

$\begin{matrix} 0 & 1 \\ \downarrow & \downarrow \end{matrix}$
printFibo(4, 0)

① fibo(0); cout << '0';

printFibo(4, 1)

② fibo(1); cout << '1';

printFibo(4, 2)

③ fibo(2); cout << '1';

printFibo(4, 3)

④ fibo(3); cout << '2';

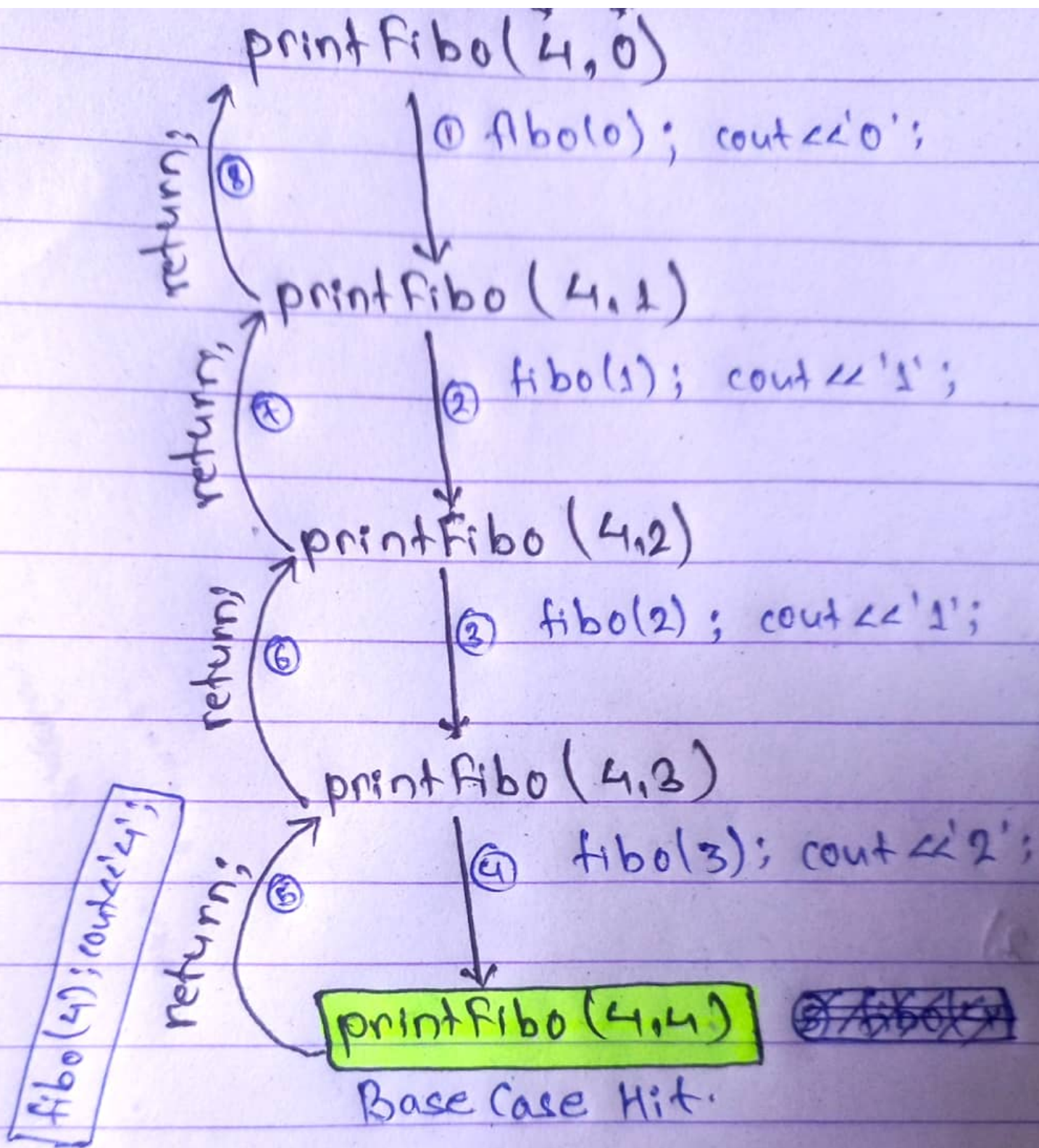
return;

printFibo(4, 4)

Base Case Hit.

~~⑤ fibo(4);~~

fibonacci(4); cout << '4';



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