Implementation - 4 fibonacci-1 (a) level-1= fib-1(3) fib-1(2) bvel=21 fib_1(2) fib-1(4) bib-1(1) fib-1(6) In level-1, function is coulled 24 time and in level-2, it is coulded 29 times.

In the assest case occurring the time complexity will be can be 2n. Time complexity = 0 (2n) Implementation -2 There is only one loop. Therefore Time complementy = or Time complexity of Implementation 2 Implementation 1 Implementation 2