No of bytes ype Name Parameter: integer return address If n= MAX_SIZE, the total variable space regd. Total per recursive Pr for the recursive version is 8* MAX_SIZE ! 2) Determine the space complexity of the iterative and recursive Fibonacci number functions created in Exercise 8, Section 1.3 Soln: The iterative_nthFiboracci (intn) function has input as variable n. n takes up 4 bytes. Each of the variables £i, f-j and £K take up 4 bytes each. There is no structural variable. . Stendive rth Fibonacci (n)=0 · Now let's analyze the recursive_nthFibonacci (int n) function. Name Type Parameter: integer parameter; integer ndurn address return address Total per cursive We care about: How much Example memory is being used at the same fib(2) time during encoution &. fibl) fibl) fiblo) fib(0) This is governed by the maximum depth of the call stack at any one moment, not the total number of recursive calls made over time.