Data Structures – Recursion Practical

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Q1. A= £9,5,19,6,11,3,12,34,2,1,153 Reverse Array (A, 1,5) Frehim £9,5,11,6,19,3,12,34,2,1,153 Leverse Array (A, 2,4)
(2) fibonacci(3) = return 3+2=5 return 2+1=3 fibonacci(4) + fibonacci(3) = return 1+1=2 return 1+1=2 fibonacci(3)+fibonacci(1) fibonacci(1) fibonacci(2)+fibonacci(1) fibonacci(1)+fibonacci(0) fibonacci(1)+fibonacci(0)
function SumOf Digits (N) Input: integer N Output: Sum of digits in N Places Parse N to String intit if (n == 0) end: Feturn 0; Feturn (n:/10, + SumOf Digits (n/10)); end function
(S.a) function print In Reverse (node) Input: Node (E) node if (node. getlext == null) print in node. data end if print In Reverse (node. get Next) print node. data end function