Recursion - "it-s defined in terms of it self! -run ion O(2n) - function calls require creating a stack frame services - Only use recursion when it feels natural - Search an ordered array is o (login1) LD slicing it into 3 parts 0 (log (n)) - orguines the memors to be stored new-node à allocates a node Le children = null - maices room for the string - copies the string Str- End () = looks for a strig of 181381 - recursion is used by diving the space -D hatural to search + sometimes reconssion is not esercions