

Applications of Recursion

- ① Many algorithm techniques are based on Recursion
 - Dynamic Programming
 - Backtracking
 - Divide & Conquer (Binary Search, Quick Sort and Merge Sort)
- ② Many problems inherently ~~are~~ recursive
 - Tower of Hanoi
 - DFS based traversals (DFS of Graph and Inorder/Preorder/Postorder traversal of tree)