- 1. Fibonacci Using Recursion
- 2. Fibonacci Simulation:

Simulation by Pause & Active [ DFS Traversal / Pre - Order ]

3. DFS Pseudocode on Tree:

```
Base case for DFS:
```

```
Void DFS (Source Node) {
    If node have no child:
        return

// Binary Tree :: Only Left & Child :
    DFS(node.left_child)
    DFS(node.right_child)

Or,

// Graph :: ALL CHILD:
    DFS(All Child)

}
```

4. DFS Pseudocode on Graph & Complexity:

```
Initiate Visited Array : []

void DFS(selected node) {

visitedArray[selected node] = 1

for all adj_nodes of selected node :

If visitedArray[node] != 1:

DFS(adj_nodes of selected node)
}

Time Complexity : O(V) + O(2E) = O(V+E)

Space Complexity : O(V)
```

- **5. DFS Code in C++**: Followed by Pseudocode
- **6. BFS Code in C++:** Followed by Pseudocode