**Concept of Recursion:**

* **Definition:** Recursion is a method where the solution to a problem depends on solutions to smaller instances of the same problem. In a recursive function, the function calls itself with modified parameters until it reaches a base case.
* **Simplification:** Recursion can simplify problems that can naturally be broken down into smaller, similar sub-problems, such as traversing tree structures, solving mathematical problems (like factorial or Fibonacci sequence), and divide-and-conquer algorithms.