

# Recursion

☰ Chapter No.	11
▼ Status	Completed

- **Recursion** is a method of solving problems that involves breaking down a problem into smaller sub-problems until the sub-problem is so small that it can be easily solved
- ▼ A **recursive function** is one that calls itself and only terminates when a set of terminating conditions, or base cases, are fulfilled
  - All recursive algorithms must have a base case where the **problem can be easily solved**
  - All recursive algorithms must **move towards the base case**