

# FUNCTION CALLS

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A function call is the process of invoking a function to execute its defined operations.

# IMPORTANCE OF FUNCTION CALLS

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- 1. Modularity – Breaks complex problems into smaller functions.
- 2. Code Reusability – Reduces redundancy by reusing functions.
- 3. Recursion – Essential for tree and graph traversals.
- 4. Abstraction – Hides internal details, simplifying implementation.
- 5. Stack Management – Manages execution flow efficiently.
- 6. Dynamic Memory Allocation – Helps in managing dynamic data structures like linked lists and heaps.