RECURSION

Meaning: Recursion is a programming technique in which a function calls itself to solve a problem by dividing it into smaller, more manageable subproblems.

1. Recursion is a powerful concept in computer science that allows functions to call themselves.

2. The beauty of recursion lies in its ability to solve complex problems by breaking them down into simpler subproblems.

3. In mathematics, recursion often appears in sequences, such as the Fibonacci series, where each term is defined in terms of the previous ones.

4. Understanding recursion can be challenging, but it often leads to elegant and efficient solutions.

5. Many algorithms, especially those dealing with tree structures, rely heavily on recursion to navigate through their nodes.

Source: sentences.whatistheurl.com

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