



## **SoulShift - Educational Q&A Platform**

### **General Questions**

Practice Questions



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**Q1. In the context of dynamic programming, what is memoization?**

- A. A method to optimize space complexity
- B. A technique to store results of expensive function calls
- C. A way to reduce time complexity
- D. A strategy for greedy algorithms

*Solution: Memoization is a technique used in dynamic programming to store the results of expensive function calls and reuse them when the same inputs occur again, thus optimizing the computation.*



