- This report fully satisfies the objectives of the lab and demonstrates a comprehensive understanding of stack implementation in C++."
- The implementation includes all necessary features of a stack with clear and efficient code, reflecting a solid grasp of data structures and their application in C++."
- The testing section rigorously evaluates all edge cases, ensuring robust functionality and verifying correctness for both typical and exceptional scenarios.
- Performance tests have been included, confirming the efficiency of the stack implementation under large input conditions, which meets the expectations for real-world applications."
- The time and space complexities have been carefully considered and clearly explained, demonstrating a high level of understanding of algorithmic analysis."
- The report adheres to the character limit, presenting a concise yet thorough discussion of the stack's implementation, testing, and theoretical analysis.
- Based on the comprehensive implementation, testing, and performance analysis, this report is deserving of full marks.