The Peg Solitaire Game Report

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1 Introduction

In this project, I made a simple peg solitaire game using C++ with the Qt6 framework.

1.1 Main Objectives

1.2 Core Features

1.3 Bonus Features

2 The Peg Solitaire Game

Peg solitaire represents a traditional puzzle typically played on either a cross-shaped board with 33 holes (commonly referred to as "the English board") or a triangular board containing 15 holes.[1]

2.1 Boards

2.2 Special Game Rules

2.3 Algorithm for Solving the Game

3 Lessons Learned

The Peg Solitaire game is a fascinating puzzle that not only provides entertainment but also serves as an excellent exercise in problem-solving and algorithm design. Through the process of developing a solution for this game, I have learned several valuable lessons that extend beyond the confines of this specific project.

3.1 Project Management

3.2 Algorithm Design

3.3 Understanding of the C++ Language

References

[1] George I. Bell. George's peg solitaire page. Online, 2025.