Play Game

 $Main\ Success\ Scenario:$

- 1. Player commands System to play the game
 - (a) Solve the puzzle
- 2. System solves the puzzle
- 3. System displays the solved parts of the puzzle solution "while solving"
- 4. System stops one the puzzle is completely solved
- 5. System displays the completely solved puzzle

 $Alternate\ Scenarios:$

 $2\mathrm{a},\,3\mathrm{a}.$ If the puzzle cannot be solved, then the System indicates to the Player of such