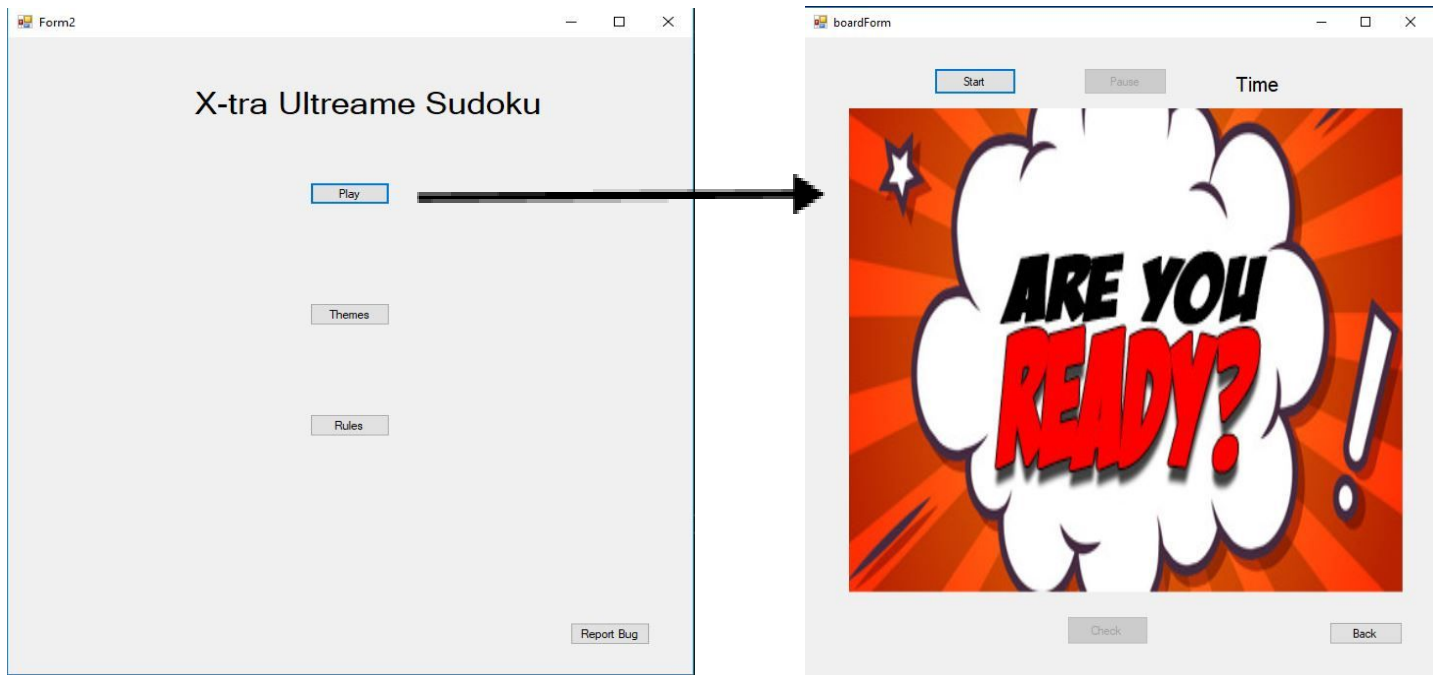# Unit Testing

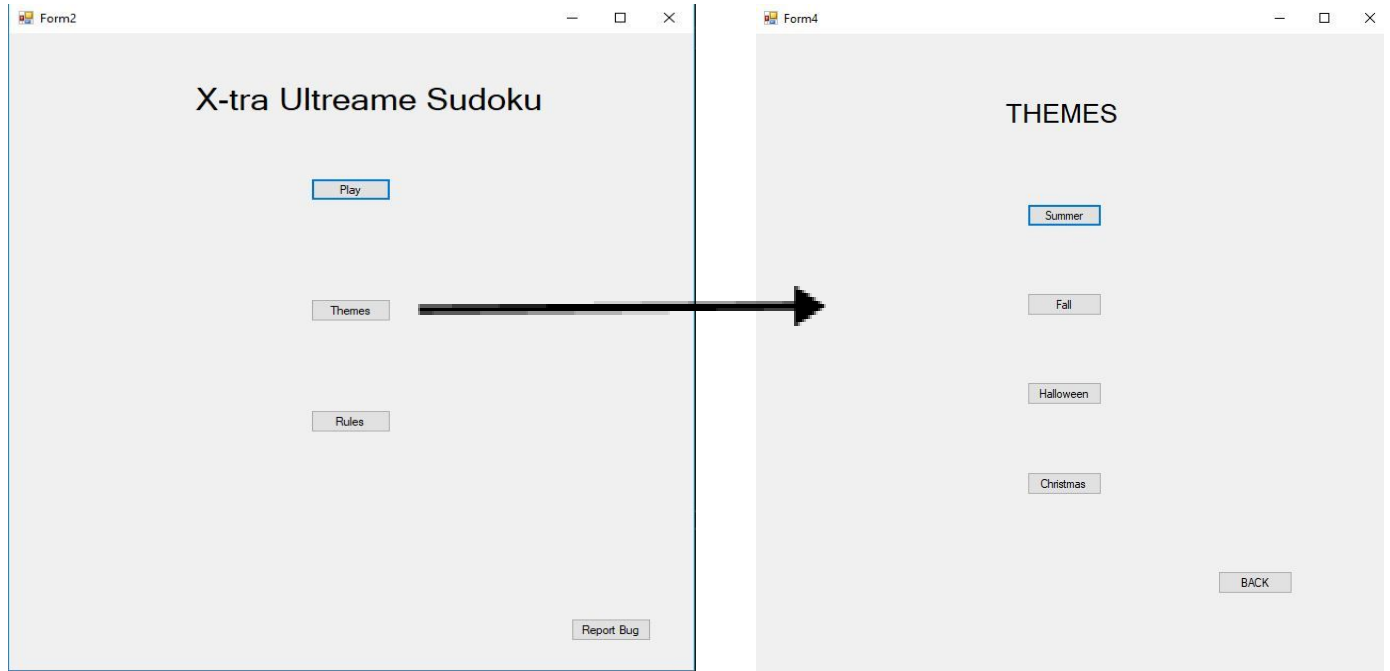## Play Button on Main Menu Form

Functions:
1. Open the Sudoku Board Form

Theme Button on Main Menu Form
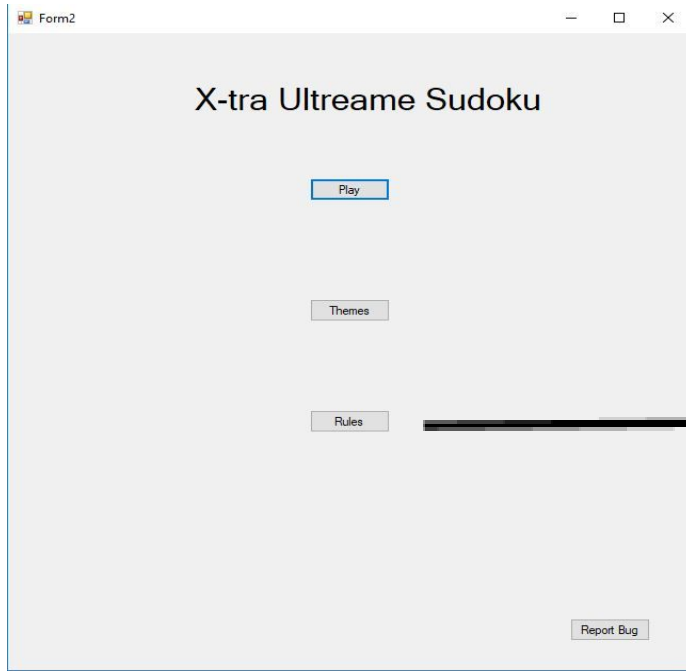
Function:

    1. Opens the Theme Form

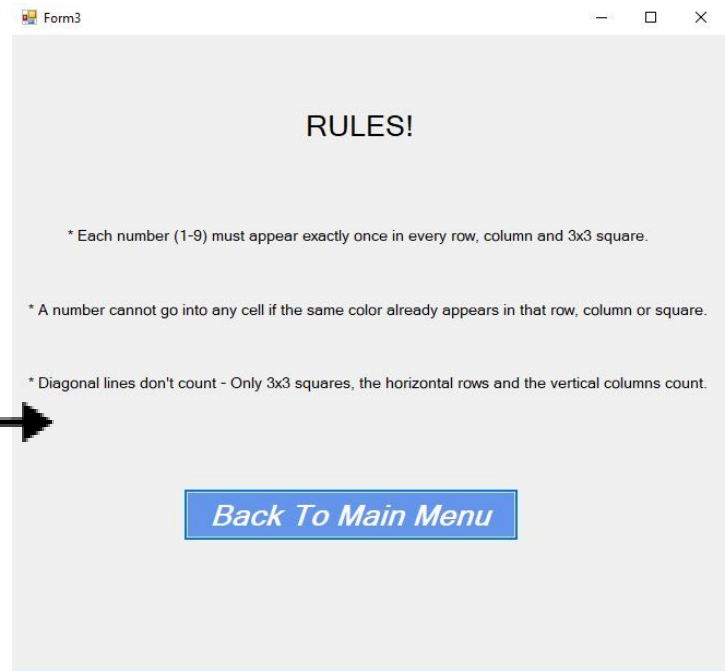## Rules Button on Main Menu Form

Functions:
1. Opens the Rule Form

Start Button on Sudoku Board Form

Functions:

1. Removes the "ARE YOU READY?" Picture
2. Starts the timer at 0:00
3. Makes the board visible
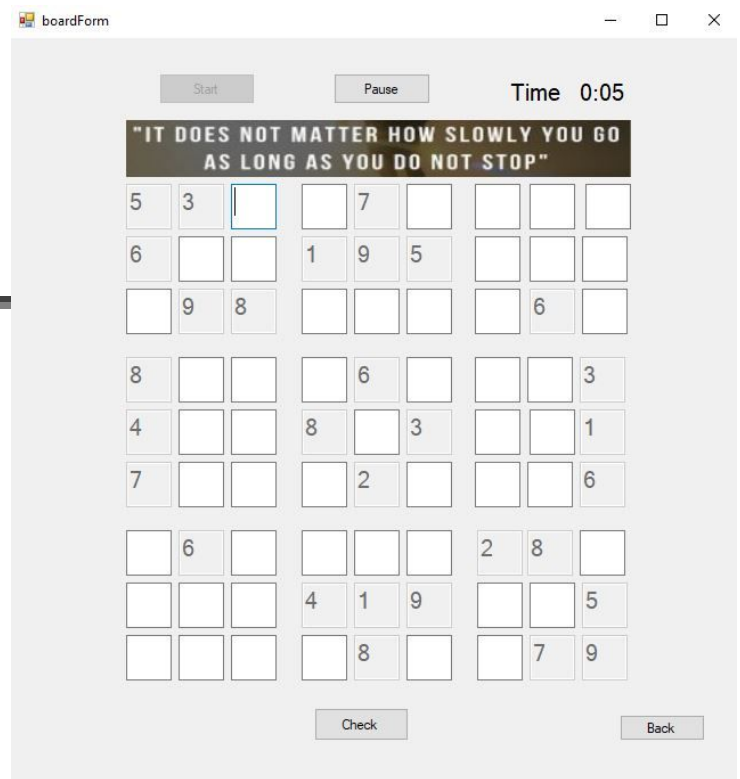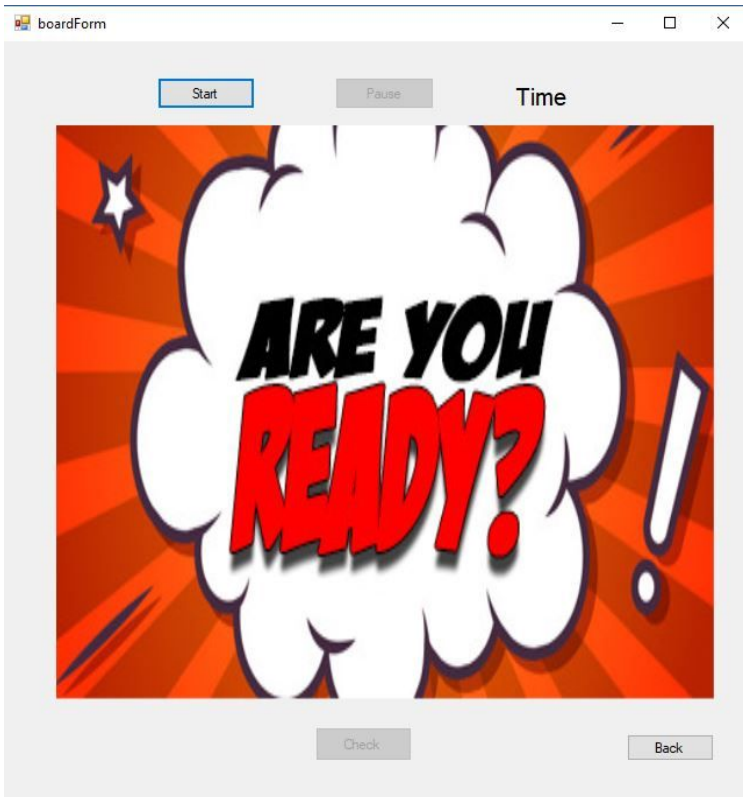
Pause Button on Sudoku Board Form

Function:
1. Makes every textbox invisible so user cannot input any values
2. Stops the time of running
3. Enables Start button s the player can resume
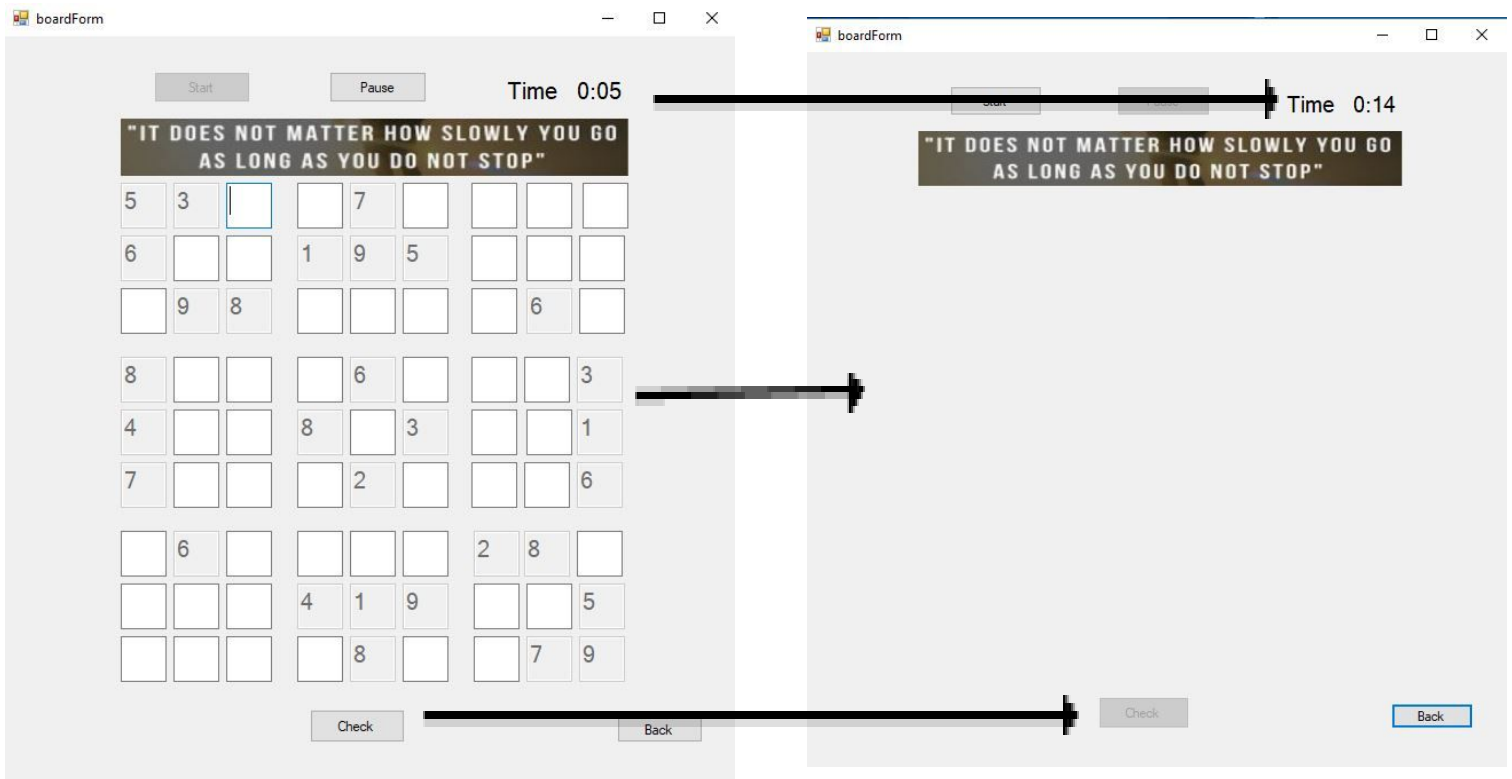
Timer on Sudoku Board Form

Functions:
1. Starts the timer when the game starts
2. Pauses the timer when the player presses the pause button
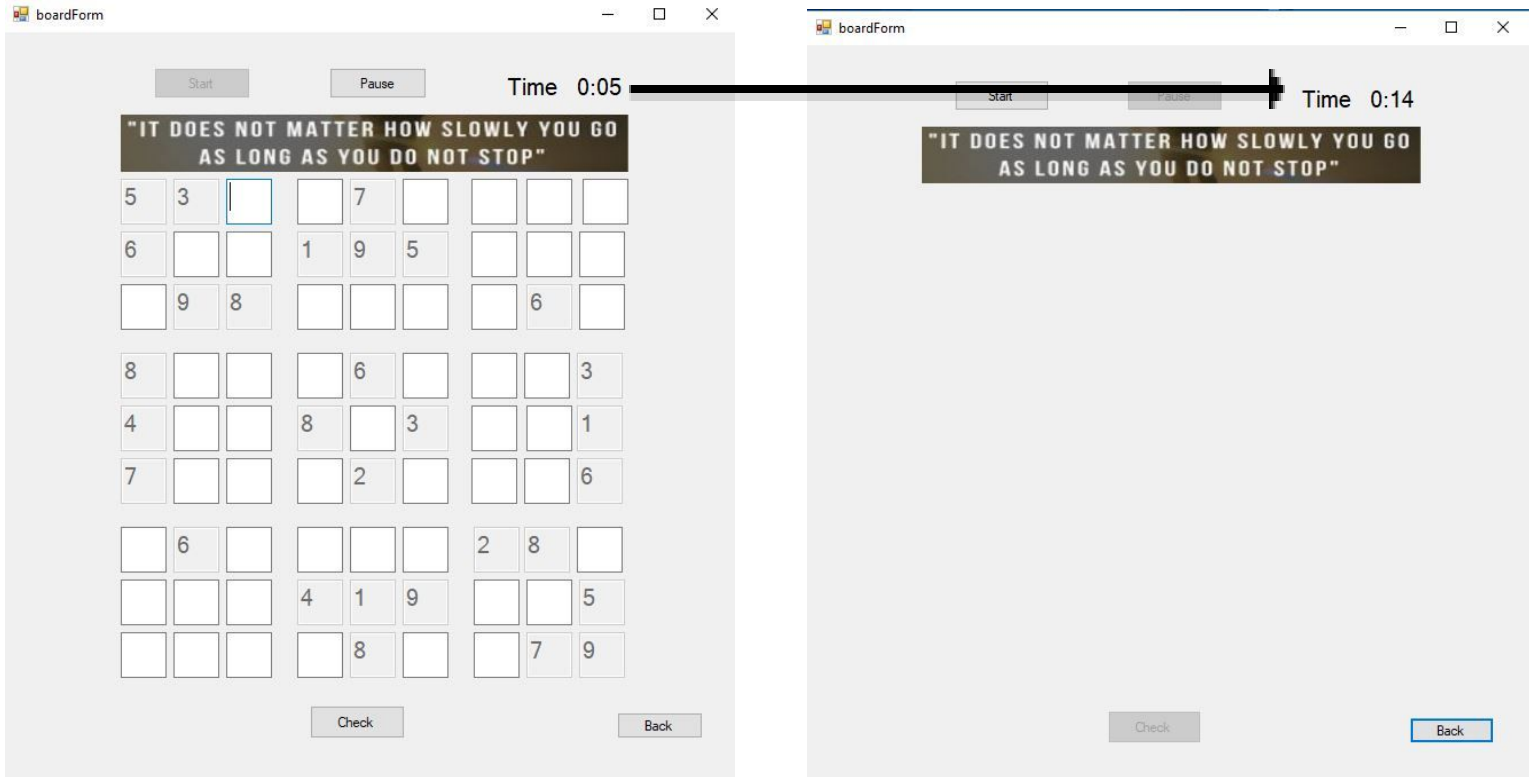
Check Button on Sudoku Board Form

Functions:
1. Runs through the solution array
2. Gets the player input from each text box
3. Checks that value with the solution array
4. If correct then prompts "You have Completed the puzzle"
5. If the player's input does not match the solution board, display prompt: "Board is not Solved, Keep Trying"
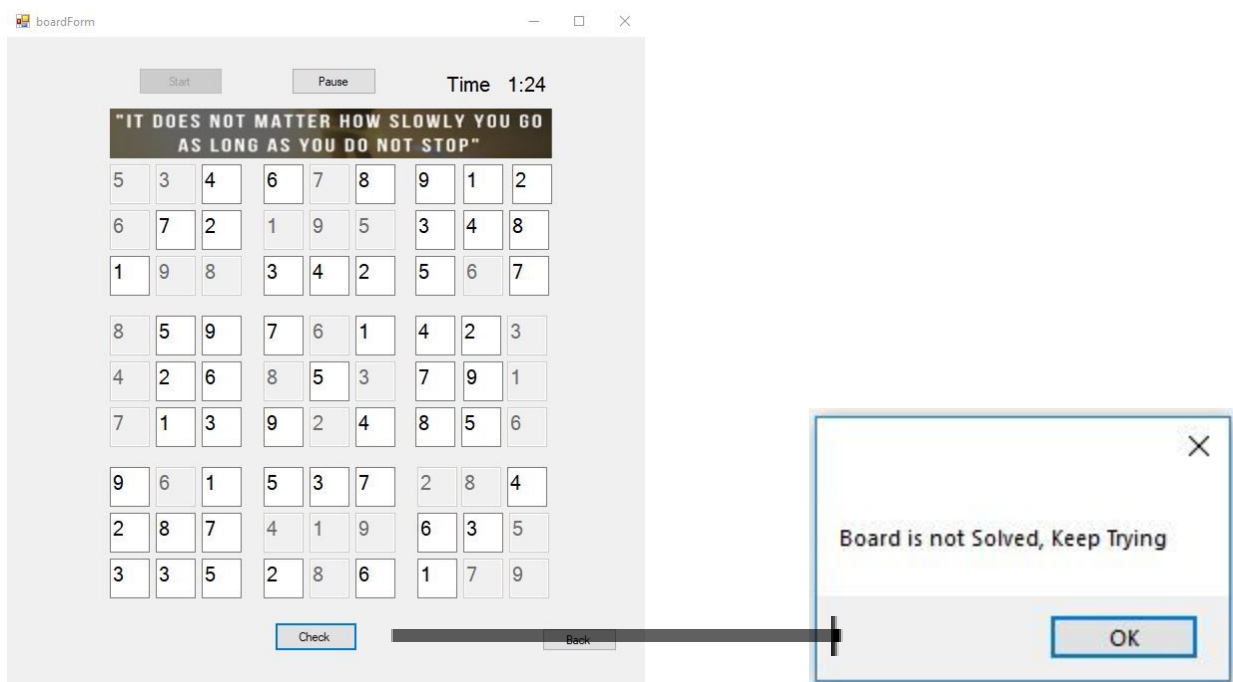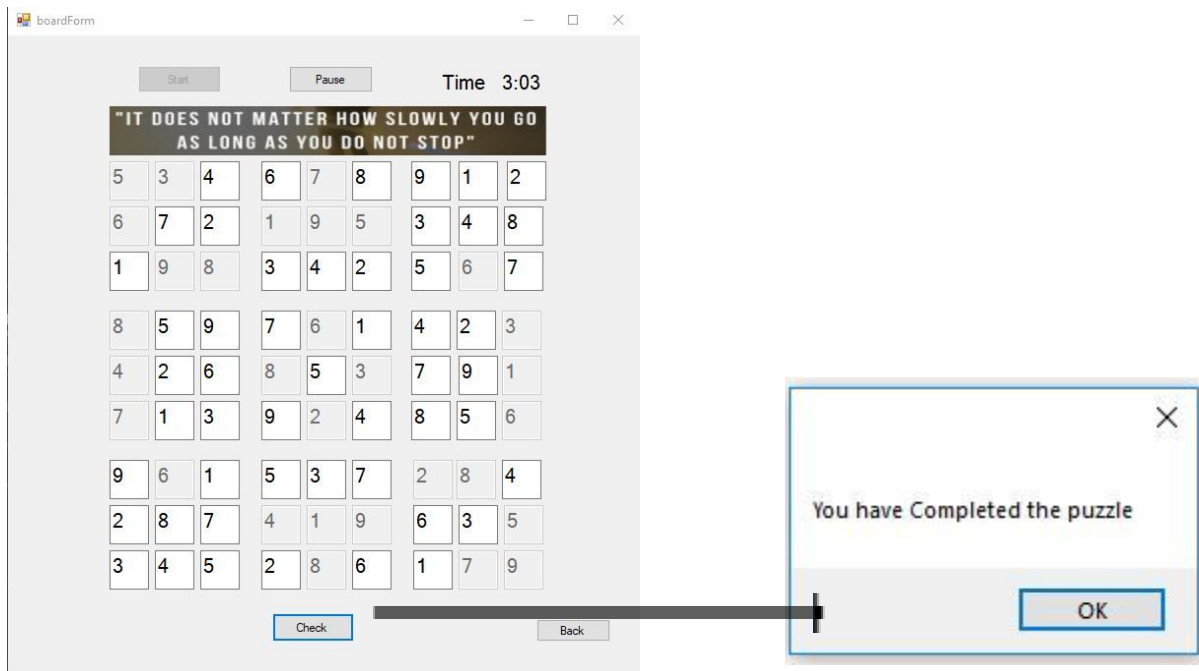
Back Button on Rules Form, Theme Form and Sudoku Board Form

Functions:
1. Returns the player back to the Main Menu
2. If the player is on the Sudoku board form and clicks back a prompt up "YOU QUIT"
3. After the prompt the program goes back to the Main Menu

Form4

THEMES

Summer

Fall

Halloween

Christmas

BACK

Form3

RULES!

* Each number (1-9) must appear exactly once in every row, column and 3x3 square.

* A number cannot go into any cell if the same color already appears in that row, column or square.

* Diagonal lines don't count - Only 3x3 squares, the horizontal rows and the vertical columns count.

Back To Main Menu

Form2

X-tra Ultreame Sudoku

Play

Themes

Rules

Report Bug

YOU QUIT, WHAT A LOOOOSER

OK

---

boardForm

Start   Pause   Time 0:05

"IT DOES NOT MATTER HOW SLOWLY YOU GO
AS LONG AS YOU DO NOT STOP"

5	3			7				
6			1	9	5			
	9	8					6	
8				6				3
4			8		3			1
7				2				6
	6					2		
			4	1	9			5
				8			7	9

Check   Back

Theme Options From Theme Form to All the Form

Functions:
1. Player selects the theme
2. The theme shows up on all the form Main Menu, Rules, Sudoku Board