

Function Name	#	Test Description	Sample Input	Expected Result	Actual Result	P/F
displayMenu()	1	Input 1 for "Play" Input 2 for "View Scores" Input 3 for "Quit"	1	Play	Play	P
	2		2	View Scores	View Scores	P
	3		3	Quit	Quit	P
	4	character input	a	Error; loops	Error; loops	P
displayFirst()	1	return a random number between 1 and 2	1 (from displayMenu())	1 or 2	2	P
	2		1	1 or 2	2	P
	3		1	1 or 2	1	P
	4		1	1 or 2	2	P
	5		1	1 or 2	1	P
askMove()	1	return inputs as coordinates	1 2 3 4	Starting space: (1, 2) Landing space: (3, 4)	compile error	F
	2	fixed error; used pointers to return multiple values from the function	1 2 3 4	Starting space: (1, 2) Landing space: (3, 4)	Starting space: (1, 2) Landing space: (3, 4)	P
	3		4 3 5 6	Starting space: (4, 3) Landing space: (5, 6)	Starting space: (4, 3) Landing space: (5, 6)	P
	4	character input	3 m 7 8'	Error; loops	Error; loops	P
checkMove()	1	checks if a move is legal. if yes, updates the board	4 3 5 4	legal move, correct board update	legal move, correct board update	P
	2		5 6 6 5	legal move, correct board update	legal move, correct board update	P
	3		8 3 7 4	legal move, correct board update	legal move, correct board update	P
	4		6 5 4 3	legal capture, correct board update	legal capture, <u>incorrect</u> board update	F
	5	fixed logical error; calculation for coordinate of captured piece was wrong	6 5 4 3	legal capture, correct board update	legal capture, correct board update	P
	6	testing invalid input	9 9 9 9	illegal move	illegal move	P
	7		9 1 4 5	illegal move	illegal move	P
	8	white squares	1 1 2 2	illegal move	illegal move	P
	9		3 5 4 6	illegal move	illegal move	P
	10	landing space not empty	2 1 1 2	illegal move	illegal move	P
	11	jump 2 spaces w/o capture	6 3 8 5	illegal move	illegal move	P
	12	move Light piece as Dark	5 6 6 5	illegal move	illegal move	P
	13	move Dark piece as Light	4 3 5 4	illegal move	illegal move	P
updateTurn()	1	Current player: Player 1 (Dark)	(complete turn)	update current player to Player 2 (Light)	update current player to Player 2 (White)	P
	2	Current player: Player 2 (Light)	(complete turn)	update current player to Player 1 (Black)	update current player to Player 1 (Black)	P
	3	Current player: Player 2 (Dark)	(complete turn)	update current player to Player 1 (Light)	update current player to Player 1 (Light)	P
	4	Current player: Player 1 (Light)	(complete turn)	update current player to Player 2 (Dark)	update current player to Player 2 (Dark)	P
updatePieceCount()	1	start of game	(start game)	Dark pieces: 12 Light pieces: 12	Dark pieces: 12 Light pieces: 12	P
	2	capture Light piece	(capture)	Dark pieces: 12 Light pieces: 11	Dark pieces: 12 Light pieces: 11	P
	3	capture Dark piece	(capture)	Dark pieces: 11 Light pieces: 11	Dark pieces: 11 Light pieces: 11	P
doSurrender()	1	Player 1 surrenders	(surrender)	Player 2 wins Player 2 score +1	Player 2 wins Player 2 score +1	P

