Test and Description	Setup	Expected Result	Actual Result
FindAllEmpty – EvilPuzzle Ran the FindAllEmpty algorithm on Puzzle passed as EvilPuzzle	 Passed in EvilPuzzle as Puzzle Called FindAllEmpty Printed list size of FindAllEmpty Printed each cell (row, col) pairs that contained a 0 	No crashPrints 53Printsexpectedcells	 No crash Prints 53 Prints expected cells
FindAllEmpty – MediumPuzzle Ran the FindAllEmpty algorithm on Puzzle passed as MediumPuzzle	 Passed in MediumPuzzle as Puzzle Called FindAllEmpty Printed list size of FindAllEmpty Printed each cell (row, col) pairs that contained a 0 	 No crash Prints 45 Prints expected cells 	 No crash Prints 45 Prints expected cells
FindAllEmpty – EasyPuzzle Ran the FindAllEmpty algorithm on Puzzle passed as EasyPuzzle	 Passed in EasyPuzzle as Puzzle Called FindAllEmpty Printed list size of FindAllEmpty Printed each cell (row, col) pairs that contained a 0 	No crashPrints 40Printsexpectedcells	 No crash Prints 40 Prints expected cells
FindAllErrors – EvilPuzzle Ran the FindAllErrors algorithm on Puzzle passed as EvilPuzzle	 Passed in EvilPuzzle as Puzzle Set cell at (0,0) to 1 (Incorrect) Called FindAllErrors Print list size of FindAllErrors and incorrect cell (row, col) values Set all empty cells to 1 (Incorrect) Called FindAllErrors Print list size of FindAllErrors and incorrect 	 No crash Prints 1 Prints (0,0) with value of 1 Prints 53 Prints expected empty cells 	 No crash Prints 1 Prints (0,0) with value of 1 Prints 53 Prints expected empty cells
FindAllErrors – MediumPuzzle Ran the FindAllErrors algorithm on Puzzle passed as MediumPuzzle	 Passed in MediumPuzzle as Puzzle Set cell at (0,0) to 1 (Incorrect) Called FindAllErrors Print list size of FindAllErrors and incorrect cell (row, col) values Set all empty cells to 1 (Incorrect) Called FindAllErrors Print list size of FindAllErrors and incorrect 	 No crash Prints 1 Prints (0,0) with value of 1 Prints 45 Prints expected empty cells 	 No crash Prints 1 Prints (0,0) with value of 1 Prints 45 Prints expected empty cells

FindAllErrors –	Passed in EasyPuzzle as Puzzle	No crash	No crash
EasyPuzzle	 Set cell at (0,0) to 1 (Incorrect) 	Prints 1	Prints 1
·	Called FindAllErrors	Prints	 Prints (0,0)
Ran the FindAllErrors	 Print list size of FindAllErrors 	(0,0) with	with value
algorithm on Puzzle	and incorrect cell (row, col)	value of 1	of 1
passed as EasyPuzzle	values	Prints 40	Prints 40
	 Set all empty cells to 1 	Prints	Prints
	(Incorrect)	expected	expected
	Called FindAllErrors	empty	empty
	 Print list size of FindAllErrors 	cells	cells
	and incorrect		