CSC116: System Test Plan for PatternMaker

System Test Plan for PatternMaker

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C. You will need to fill in your Actual Results for the given tests and write the six additional tests, including actual results (highlighted in yellow). Be sure to add your name as the author for the tests you write.

Test ID	Description	Expected Results	Actual Results
testMenu Author: Dr. Balik	Preconditions: PatternMaker program started <ctrl +="" c="" exit="" to=""></ctrl>	Pattern Maker - Please choose an option. S - Square T - Triangle D - Diamond Q - Quit Option:	Pattern Maker - Please choose an option. S - Square T - Triangle D - Diamond Q - Quit Option:
testInvalidOptionWithMor eThanOneCharacter Author: Dr. Balik	Preconditions: PatternMaker program started Pattern Maker - Please choose an option. S - Square T - Triangle D - Diamond Q - Quit Option: Square <ctrl +="" c="" exit="" to=""></ctrl>	Invalid option Menu is redisplayed	Invalid option Menu is redisplayed
testOneSquare Author: Dr. Balik	Preconditions: PatternMaker program started Pattern Maker - Please choose an option. S - Square T - Triangle D - Diamond Q - Quit Option: s Rows: 1 Columns: 1 <ctrl +="" c="" exit="" to=""></ctrl>	Menu is redisplayed	Menu is redisplayed

Test ID	Description	Expected Results	Actual Results
testTwoByThreeSquares	Preconditions: PatternMaker program started	 _ _ _ _ _ _	 _ _
Author: Dr. Balik	Pattern Maker - Please choose an option.		
	S - Square T - Triangle		
	D - Diamond Q - Quit		
	Option: S	Menu is redisplayed	Menu is redisplayed
	Rows: 2 Columns: 3		
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	<ctrl +="" c="" exit="" to=""></ctrl>		
testInvalidRowWithGreate rThanTen	Preconditions: PatternMaker program started	Invalid rows	Invalid rows
Author: Anthony Du	Pattern Maker - Please choose an option.		
	S - Square T - Triangle		
	D - Diamond Q - Quit		
	Option: t Rows: 11		
	<ctrl +="" c="" exit="" to=""></ctrl>		
testInvalidColumnWithZer o	Preconditions: PatternMaker program started	Invalid columns	Invalid columns
Author: Anthony Du	Pattern Maker - Please choose an option.		
	S - Square T - Triangle		
	D - Diamond		
	Q - Quit		
	Option: S		
	Rows: 10 Column: 0		
	<ctrl +="" c="" exit="" to=""></ctrl>		
testInvalidRowWithZero	Preconditions: PatternMaker program started	Invalid rows	Invalid rows

Author: Anthony Du Pa	attern Maker - Please choose an option.		
S-	- Square		
	- Triangle		
) - Diamond		
Q	Q - Quit		
	Option: D		
RO	tows: 0		
<c< th=""><th>ctrl + c to exit></th><th></th><th></th></c<>	ctrl + c to exit>		
	Preconditions: PatternMaker program started	Invalid columns	Invalid columns
aterThanTen	attern Maker - Please choose an option.		
Author: Anthony Du	rattern Maker - Please Choose an option.		
	- Square		
	- Triangle		
D.) - Diamond		
Q	Q - Quit		
	Datient 6		
	Option: S Rows: 10		
	Columns: 11		
<c< th=""><th>ctrl + c to exit></th><th></th><th></th></c<>	ctrl + c to exit>		
testOneTriangles Pri	Preconditions: PatternMaker program started	/\ /\	/\ /\
Author: Anthony Du Pa	attern Maker - Please choose an option.	/ \	
, ,	•	Menu is redisplayed	Menu is redisplayed
	- Square		
	- Triangle		
	O - Diamond		
l q	Q - Quit		
Op	Option: T		
	dows: 1		
<c< th=""><th>ctrl + c to exit></th><th></th><th></th></c<>	ctrl + c to exit>		
testOneDiamonds Pro	Preconditions: PatternMaker program started	\wedge	\wedge
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Author: Anthony Du Pa	attern Maker - Please choose an option.		
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	- Square	Menu is redisplayed	Menu is redisplayed

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	T - Triangle		
	D - Diamond		
	Q - Quit		
	Option: d		
	Rows: 1		
	<ctrl +="" c="" exit="" to=""></ctrl>		
testTenDiamonds	Preconditions: PatternMaker program started	/\	/\
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Author: Anthony Du	Pattern Maker - Please choose an option.	/\/\/	/\/\/
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	S - Square	/\/\/\/	/\/\/\/\
	T - Triangle	/\/\/\/\	/\/\/\/\
	D - Diamond	/\/\/\/\/\	/\/\/\/\/\
	Q - Quit	/\/\/\/\/\	/\/\/\/\/\
	Q Quit	/\/\/\/\/\/\	/\/\/\/\/\/\
	Ontion: D	/\/\/\/\/\/\/\	/\/\/\/\/\/\/\
	Option: D	\/\/\/\/\/\/\/	\/\/\/\/\/\/\/
	Rows: 10		
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	<ctrl +="" c="" exit="" to=""></ctrl>		
testTenTriangles	Preconditions: PatternMaker program started	/\	\wedge
testremmangles	Treconditions. Factor whater program started	/\	/_\
Author: Anthony Du	Pattern Maker - Please choose an option.	/_/\	/\\ /\/\
racion rationy ba	Tutter Hease choose an option.	/\/\	/\/\
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	T - Triangle		
	_	/\/\	/\/\
	D - Diamond	/\	/\
	Q - Quit	/\/\	/\/\
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	Option: t	/\/\	/\/\
	Rows: 10	/\ /\ /\ /\ /\	/\ /\ /\ /\ /\
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		/\/\/\	/\/\/\/\
		 Menu is redisplayed	Menu is redisplayed
testTwoByThreeSquares	Preconditions: PatternMaker program started		
		- - - - - - - -	

Author: Anthony Du S - Square T - Triangl D - Diamo Q - Quit Option: S Rows: 10 Columns:		- - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -
<ctrl +="" c="" th="" to<=""><th>to exit></th><th></th><th></th></ctrl>	to exit>		