

System Level Test

This system level test document is for testing the add and subtract methods that I used in my ACP program.

Method/Class Name: runApc()

Description: This is the beginning of the program. It will prompt user to add, subtract, or exit.

<u>Step</u>	<u>Description</u>	<u>Operation</u>	<u>Result</u>	<u>Pass</u>
1	User enters 1 to add.	println method	Please enter a number:	Yes
2	User enters 2 to subtract.	println method	Please enter a number:	Yes
3	User enter 3 to exit.	println method	Thanks for coming!	Yes
4	User enters number ≤ 0	println method	Error: Number out of range, please enter a number between 1 and 3:	Yes
5	User enters number > 3	println method	Error: Number out of range, please enter a number between 1 and 3:	Yes

Method/Class Name: Add

Description: This method/class takes two integers and returns the sum of the two.

<u>Step</u>	<u>Description</u>	<u>Operation</u>	<u>Result</u>	<u>Pass</u>
1	User chose add operation.	println method	Please enter a number:	Yes
2	User enters 10,000	println method	Error: Number out of range, please enter a number between 0 and 9999:	Yes
3	User enters 5	println method	Please enter another number:	Yes
4	User enters 2	$5 + 2$	" $5 + 2 = 7$ "	Yes

Method/Class Name: Subtract

Description: This method/class takes two integers and returns the difference of the two.

<u>Step</u>	<u>Description</u>	<u>Operation</u>	<u>Result</u>	<u>Pass</u>
1	User chose add operation.	println method	Please enter a number:	Yes
2	User enters 10,000	println method	Error: Number out of range, please enter a number between 0 and 9999:	Yes
3	User enters 5	println method	Please enter another number:	Yes
4	User enters 2	$5 - 2$	" $5 - 2 = 3$ "	Yes

