

Test Case ID	Test Case Scenario	Test Data	Expected Results	Actual Results	Pass/Fail
testNfactorial 1	Factorial of 0	0	1	1	Pass
testNfactorial 2	Factorial of 1	1	1	1	Pass
testNfactorial 3	Factorial of 2	2	1	1	Pass
testNfactorial 4	Factorial of 5	5	120	24	Fail
testBinarySe arch1	Best case, x in middle	{1, 2, 3, 4, 5} 3	2	2	Pass
testBinarySe arch2	Input x in lower middle	{1, 2, 3, 4, 5} 2	1	1	Pass
testBinarySe arch3	Input x in upper middle	{1, 2, 3, 4, 5} 4	3	3	Pass
testBinarySe arch4	Input x not found, lower than lowest value	{1, 2, 3, 4, 5} 0	1*	1*	Pass
testBinarySe arch5	Input x not found, higher than highest value	{1, 2, 3, 4, 5} 6	1*	1*	Pass

\* According to the source code, `binarySearch(int [], int)` returns 1 when input number is not found.