tester name:	hazem ashraf ali		
date	30-3-2023	ver-1	
test name:	insertion sort		
function name:	int8_t insertionSort(int32_t *array, uint8_t arraySize)		
test case	input expression	expected result	actual result
A1	{9, 0, 7, 5, 3, 8, -10, 4, 2, 1}	-10 0 1 2 3 4 5 7 8 9	-10 0 1 2 3 4 5 7 8 9
A2	{9, 0, 7, 5, 3, 8, -10, 4, 2, 1, 6, 12}	out of range	out of range
A3	{0, 1, 2, 3, 4, 5, 6, 7, 8, 9}	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
A4	{2, 8, 4, 10, 6, 20, 16, 12, 14, 16}	2 4 6 8 10 12 14 16 16 20	2 4 6 8 10 12 14 16 16 20
A5	EMPTY ARRAY with zero size	the array is empty	the array is empty

tester name:	hazem ashraf ali		
date	30-3-2023	ver-2	
test name:	get LCS size		
function name:	int8_t lcsGetSize(int32_t *array, uint8_t arraySize, uint8_t *sizeofLCS)		
test case	input expression	expected result	actual result
A1	{9, 0, 7, 5, 3, 8, -10, 4, 2, 1}	6	6
A2	{9, 0, 7, 5, 3, 8, -10, 4, 2, 1, 6, 12}	out of range	out of range
A3	{0, 1, 2, 3, 4, 5, 6, 7, 8, 9}	10	10
A4	{2, 8, 4, 10, 6, 20, 16, 12, 14, 16}	0	0
A5	EMPTY ARRAY with zero size	0	0