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 CMPT 435  
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4. Trace Merge Sort on the following array:

{1| 7| 6| 8| 0| 2| 5}

**Note: Write down the state of the array after each recursive call. (5 points)**

	1  7  6  8  0  2  5	
	1  7  6  8	0  2  5
	1  7	6  8
1	7	<b>Merge</b>
	1  7	
	6	8
	6  8	<b>Merge</b>
	1  7	6  8
	1  6  7  8	<b>Merge</b>
		0  2
		5
		0
		2
		<b>Merge</b>
		0  2
		0  2
		5
		<b>Merge</b>
		0  2  5
	1  6  7  8	0  2  5
		<b>Merge</b>
	0  1  2  5  6  7  8	