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- Insertion sort

[(sorted), unsorted]

1st step

[(6),1,3,6,4,3,9,2] -> [(1,6),3,6,4,3,9,2]

2nd step

[(1,6),3,6,4,3,9,2] -> [(1,6,3),6,4,3,9,2]

[(1,6,3),6,4,3,9,2] -> [(1,3,6),6,4,3,9,2]

3rd step

[(1,3,6),6,4,3,9,2] -> [(1,3,6,6),4,3,9,2]

4th step

[(1,3,6,6),4,3,9,2] -> [(1,3,6,6,4),3,9,2]

[(1,3,6,6,4),3,9,2] -> [(1,3,6,4,6),3,9,2]

[(1,3,6,4,6),3,9,2] -> [(1,3,4,6,6),3,9,2]

5th step

[(1,3,4,6,6),3,9,2] -> [(1,3,4,6,6,3),9,2]

[(1,3,4,6,6,3),9,2] -> [(1,3,4,6,3,6),9,2]

[(1,3,4,6,3,6),9,2] -> [(1,3,4,3,6,6),9,2]

[(1,3,4,3,6,6),9,2] -> [(1,3,3,4,6,6),9,2]

6th step

[(1,3,3,4,6,6),9,2] -> [(1,3,3,4,6,6,9),2]

7th step

[(1,3,3,4,6,6,9),2] -> [(1,3,3,4,6,6,9,2)]

[(1,3,3,4,6,6,9,2)] -> [(1,3,3,4,6,6,2,9)]

[(1,3,3,4,6,6,2,9)] -> [(1,3,3,4,6,2,6,9)]

[(1,3,3,4,6,2,6,9)] -> [(1,3,3,4,2,6,6,9)]

[(1,3,3,4,2,6,6,9)] -> [(1,3,3,2,4,6,6,9)]

[(1,3,3,2,4,6,6,9)] -> [(1,3,2,3,4,6,6,9)]

[(1,3,2,3,4,6,6,9)] -> [(1,2,3,3,4,6,6,9)]

FINAL

- Selection sort

		SORTED	
1 st step	[6 ,1,3,6,4,3,9,2]	->	[1 , 6 ,3,6,4,3,9,2]
2 nd step	[1, 6 ,3,6,4,3,9,2]	->	[1, 2 ,3,6,4,3,9, 6]
3 rd step	[1,2, 3 ,6,4,3,9,6]	->	[1,2, 3 ,6,4,3,9,6]
	[1,2,3, 6 ,4, 3 ,9,6]	->	[1,2,3, 3 ,4, 6 ,9,6]
4 th step	[1,2,3,3, 4 ,6,9,6]	->	[1,2,3,3, 4 ,6,9,6]
	[1,2,3,3,4, 6 ,9,6]	->	[1,2,3,3,4, 6 ,9,6]
	[1,2,3,3,4,6, 9 ,6]	->	[1,2,3,3,4,6,6, 9]
			FINAL

- Bubble sort

1st step

[6,1,3,6,4,3, 9 ,2]	->	[6,1,3,6,4,3,2,9]
[6,1,3,6,4,3, 2 ,9]	->	[6,1,3,6,4,2,3,9]
[6,1,3,6, 4 ,2,3,9]	->	[6,1,3,6,2,4,3,9]
[6,1,3, 6 ,2,4,3,9]	->	[6,1,3,2,6,4,3,9]
[6,1, 3 ,2,6,4,3,9]	->	[6,1,2,3,6,4,3,9]
[6, 1 ,2,3,6,4,3,9]	->	[6,1,2,3,6,4,3,9]
[6 ,1,2,3,6,4,3,9]	->	[1 ,6,2,3,6,4,3,9]

2nd step

[1,6,2,3,6,4, 3 ,9]	->	[1,6,2,3,6,4,3,9]
[1,6,2,3,6, 4 ,3,9]	->	[1,6,2,3,6,3,4,9]
[1,6,2,3, 6 ,3,4,9]	->	[1,6,2,3,3,6,4,9]
[1,6,2, 3 ,3,6,4,9]	->	[1,6,2,3,3,6,4,9]
[1,6, 2 ,3,3,6,4,9]	->	[1,6,2,3,3,6,4,9]
[1, 6 ,2,3,3,6,4,9]	->	[1 ,2,6,3,3,6,4,9]

3rd step

[1,2,6,3,3,6, 4 ,9]	->	[1,2,6,3,3,6,4,9]
[1,2,6,3,3, 6 ,4,9]	->	[1,2,6,3,3,4,6,9]
[1,2,6,3, 3 ,4,6,9]	->	[1,2,6,3,3,4,6,9]
[1,2,6, 3 ,3,4,6,9]	->	[1,2,6,3,3,4,6,9]
[1,2, 6 ,3,3,4,6,9]	->	[1,2 ,3,6,3,4,6,9]

4th step

[1,2,3,6,3,4, 6 ,9]	->	[1,2,3,6,3,4,6,9]
[1,2,3,6,3, 4 ,6,9]	->	[1,2,3,6,3,4,6,9]
[1,2,3,6, 3 ,4,6,9]	->	[1,2,3,6,3,4,6,9]
[1,2,3, 6 ,3,4,6,9]	->	[1,2,3 ,3,6,4,6,9]

5th step

[1,2,3,3,6,4, 6 ,9]	->	[1,2,3,3,6,4,6,9]
[1,2,3,3,6, 4 ,6,9]	->	[1,2,3,3,6,4,6,9]
[1,2,3,3, 6 ,4,6,9]	->	[1,2,3 ,3,4,6,6,9]

6th step

[1,2,3,3,4,6, 6 ,9]	->	[1,2,3,3,4,6,6,9]
[1,2,3,3,4, 6 ,6,9]	->	[1,2,3 ,3,4,6,6,9]

7th step

[1,2,3,3,4,6,6,9]	->	[1,2,3,3,4,6,6,9]	FINAL
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