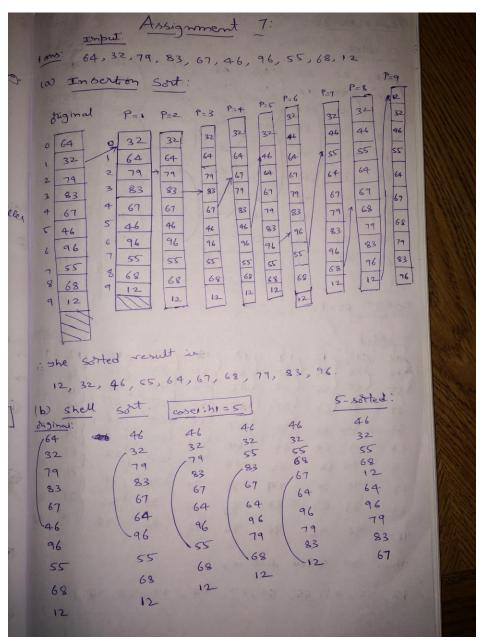
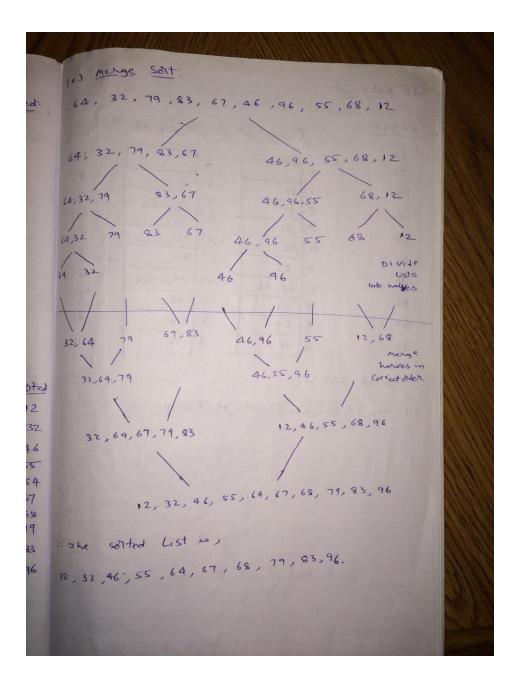
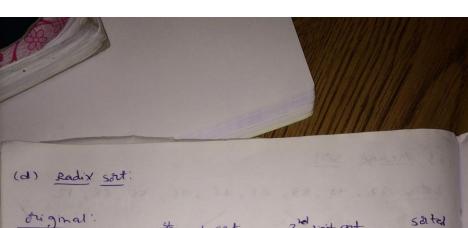
Assignment 7:



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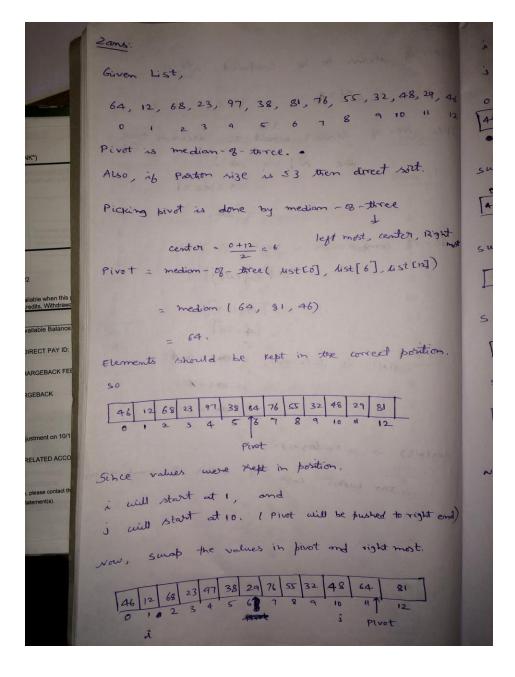


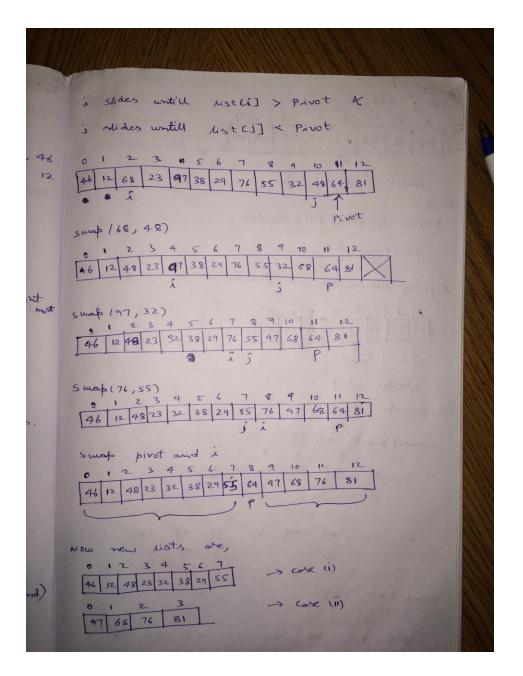


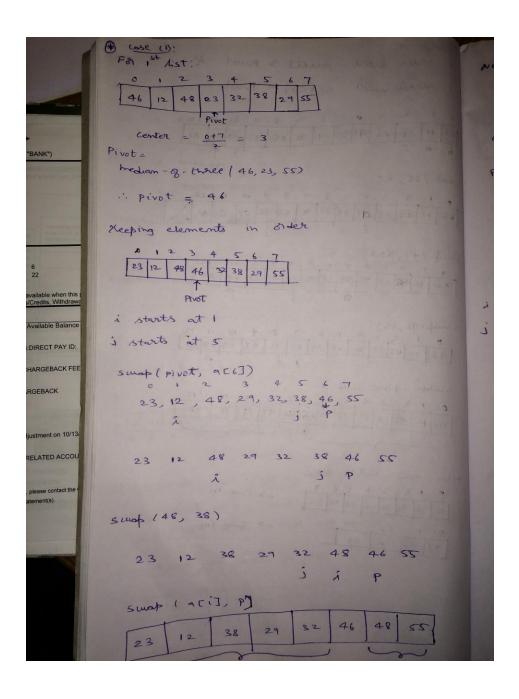
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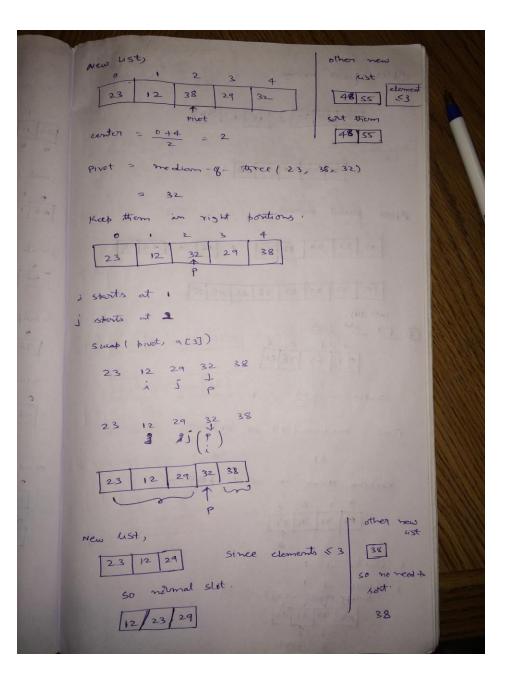
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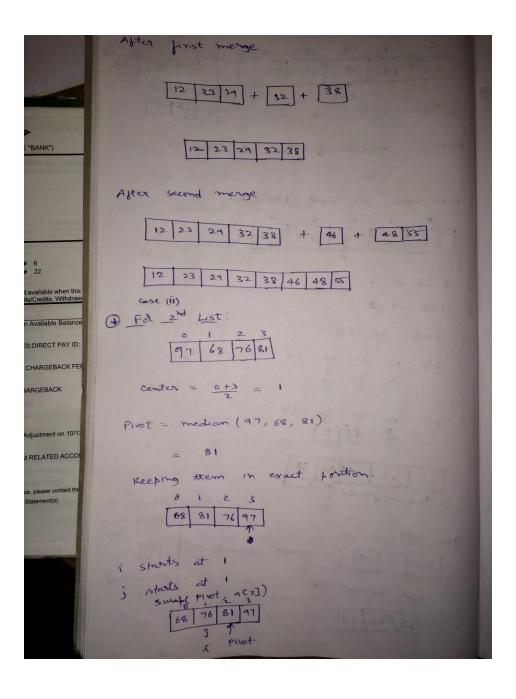
12, 32, 46, 55, 64, 67, 68, 79, 83, 96.

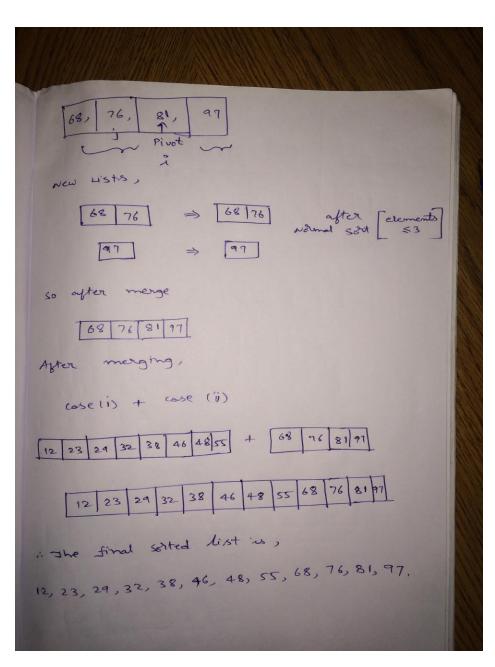


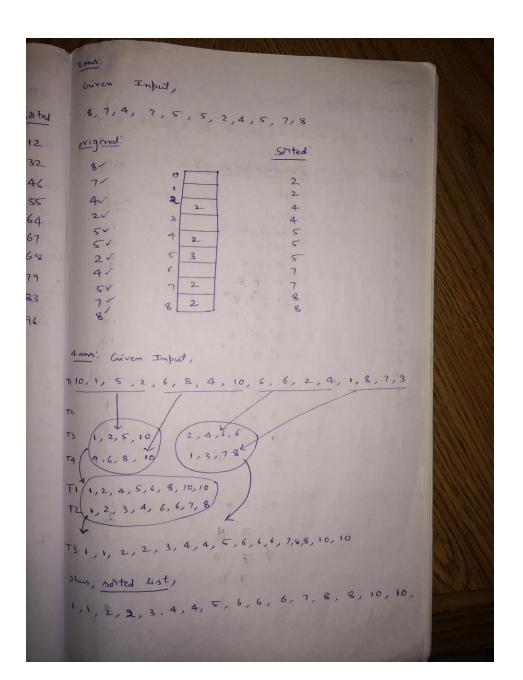












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NK")	Input:	Memory (holds 3)	output:
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te, please C Statement(4, 2, 1 4, 2, 8 4, 7, 8 7, 8	Pun 3? 1 2 7

No. 8 items to be compared all 4.

No. 8 leaves would the decision tree are N! = 4! $= 4 \times 3 \times 2 \times 1$ = 24.No. 8 comparision = Depth 8 tree $= \lceil \log(N!) \rceil$ $= \lceil \log(24) \rceil$ $= \lceil 4.58 \rceil = 5$