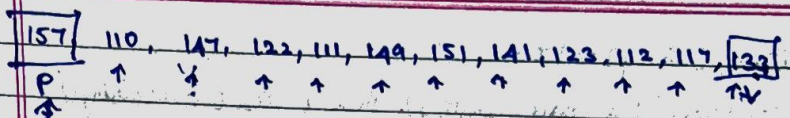
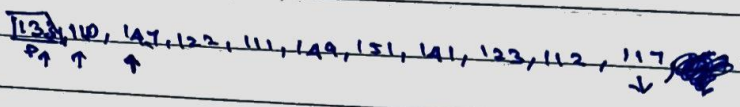
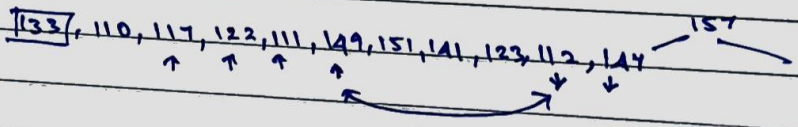
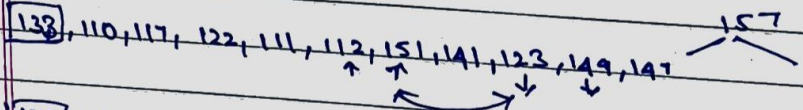
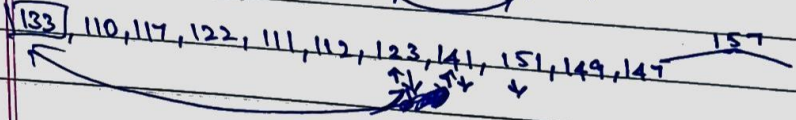
1st as Pivot element

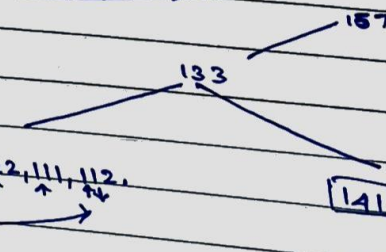


1. 

2. 

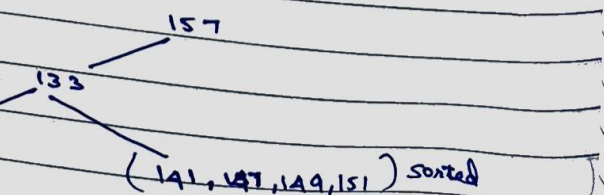
3. 

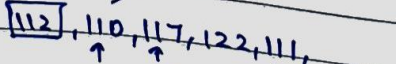
4. 

5 

6. 112, 110, 117, 122, 111, 123

141, 147, 149, 151



7. 

8. 112, 110, 111, 122, 117

final sorted array

110, 111, 112, 122, 117, 123, 133, 141, 147, 149, 151

9. 111, 110, 112, 122, 117

10.

last as pivot :-

1. 157, 110, 147, 122, 111, 149, 151, 141, 123, 112, 117, 133

2. 117, 110, 147, 122, 111, 149, 151, 141, 123, 112, 157, 133

3. 117, 110, 112, 123, 111, 149, 151, 141, 123, 147, 157, 133

4. 117, 110, 112, 122, 111, 123, 151, 141, 149, 147, 157, 133

5. 117, 110, 112, 122, 111, 123 | 141, 149, 147, 157, 151

6. 117, 110, 112, 122, 111 | 141, 149, 147 | 157 (sorted)

7. 110, 117, 112, 122, 111 | 141, 147, 149 (sorted)

8. 110, 112, 117, 122, 111 (swap)

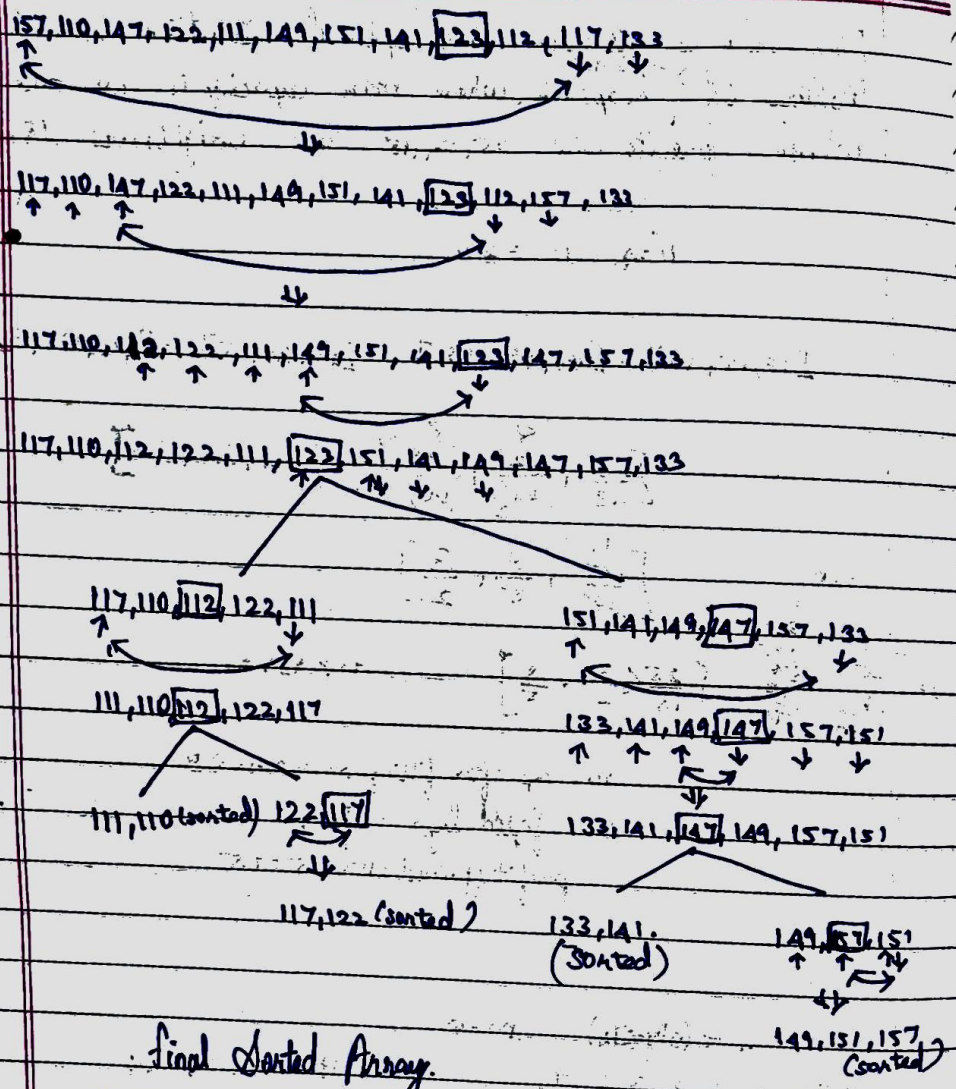
9. 110, 112, 117, 122

10. 117, 122

Final Sorted Array

110, 112, 117, 122, 123, 133, 141, 147, 149, 151, 157

Random Element As Pivot.



Final Sorted Array.

110, 111, 112, 117, 122, 123, 133, 141, 147, 149, 151, 157

Choosing last or 1st element as pivot is not much efficient.