	Name: Subyakant upaolhyay
	PRN:-20220802043
	Batch - At
	Tutorial No: - 05
	Subject: Data Structures.
	ougice. Down
	78 F- 15 [2] - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Demonstrate the Working of Quick Sort for t
	following list.
(0)	5,3,8,1,4,6,2,7
	Step I:- pivot is 5.
	after the first partition.
	B 1 5 8 7
	53814627
	358174627
	[3]1,584627
	3 1 4 82 856 8 7
	Step 2 12- pivot is 2
	PIVOT S. Z.
	2/1/3/4/5/6/8/7
	Step 2
	pivot is
	[[]]

B 54, 26, 93, 17, 77, 31, 44, 55, 20 Prvot clement sy 26 17 31 54 954 93 Pivot element. 26 . 20 55 a clement 26 26 31: 44. 54 55. 77 93 20 pivot element 20 26

```
44,22,14,38,3,55
3 [22,44,14,38,8,55]
    22, 14, 33, 44, 3, 55
      22,14,38,8,44,55
      14,22,38,44,55
        14, 22, 8, 38, 44, 55]
        14, 8, 22, 38, 44, 55]
        8,14,22,38,44,55
 11, 15, 16, 12, 14, 18
11, 15, 12, 16, 14, 18
 11, 15, 12, 14, 16, 18
```