```
 *** Quicksort with different pivot ***
 *** Count the number of comparison ***
    1. pivot at first position
    2. pivot at end positon
    3. pivot is mid value of first middle and end
       excluding comparison of pivot finding

Enter some numbers : 5

#1 - 0 ==> [5]
#2 - 0 ==> [5]
#3 - 0 ==> [5]
```

```
 *** Quicksort with different pivot ***
 *** Count the number of comparison ***
    1. pivot at first position
    2. pivot at end positon
    3. pivot is mid value of first middle and end
       excluding comparison of pivot finding

Enter some numbers : 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

#1 - 460 ==> [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
#2 - 250 ==> [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
#3 - 250 ==> [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
```

```
 *** Quicksort with different pivot ***
 *** Count the number of comparison ***
    1. pivot at first position
    2. pivot at end positon
    3. pivot is mid value of first middle and end
       excluding comparison of pivot finding

Enter some numbers : 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

#1 - 228 ==> [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
#2 - 418 ==> [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
#3 - 110 ==> [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
```

```
 *** Quicksort with different pivot ***
 *** Count the number of comparison ***
    1. pivot at first position
    2. pivot at end positon
    3. pivot is mid value of first middle and end
       excluding comparison of pivot finding

Enter some numbers : 10 99 85 12 36 47 97 35 62 44 33 11 63 13 18 29

#1 - 134 ==> [10, 11, 12, 13, 18, 29, 33, 35, 36, 44, 47, 62, 63, 85, 97, 99]
#2 - 89 ==> [10, 11, 12, 13, 18, 29, 33, 35, 36, 44, 47, 62, 63, 85, 97, 99]
#3 - 81 ==> [10, 11, 12, 13, 18, 29, 33, 35, 36, 44, 47, 62, 63, 85, 97, 99]
```
