

Sunday, 14 February  
16

# Crux

## Lecture - 10

Programming Fundamentals -3

Manisha Khattar



# Quick Sort ?

## To Do

- Find number of zeros in  $n!$
- Find number of substrings of a string which are palindrome
- A sorted array has been rotated by some number  $k$  in clockwise direction. Find  $k$ . e.g. Input: 5,6,1,2,3,4 Output: 2

# Space Complexity of Merge Sort ?

# Order Complexity Analysis of Assignment 3 & 4 ?



Thank You !! 😊

Manisha Khattar  
[manisha@codingblocks.com](mailto:manisha@codingblocks.com)