

Practice concept of Pointers through these exhaustive mcq's

<https://www.sanfoundry.com/c-plus-plus-aptitude-question-answer-pointers/>

<https://www.geeksforgeeks.org/output-c-programs-set-39-pointers/?ref=rp>

<https://www.geeksforgeeks.org/output-c-programs-set-47-pointers/>

<https://www.geeksforgeeks.org/output-c-programs-pointers/?ref=rp>

<https://www.geeksforgeeks.org/output-c-programs-set-31-pointers/?ref=rp>

<https://www.geeksforgeeks.org/output-c-programs-set-38-pointers/?ref=rp>

Lectures for studying POINTERS in depth in C++

https://www.youtube.com/watch?v=h-HBipu_1P0&list=PL2_aWCzGMAwLZp6LMUKI3cc7pgGsaSm2_

https://www.youtube.com/watch?v=4RII-_e9-0M

Lectures for studying Time Complexity and BigO

<https://www.youtube.com/watch?v=D6xkbGLQesk>

https://www.youtube.com/watch?v=kS_gr2_-ws8&t=3s

Time Complexity PRACTICE questions

<https://www.geeksforgeeks.org/practice-questions-time-complexity-analysis/>

Resources for managing 2D arrays

<https://www.geeksforgeeks.org/multidimensional-arrays-c-cpp/>

<https://stackoverflow.com/questions/61680/how-to-work-around-a-very-large-2d-array-in-c>

<https://medium.com/@patdhik/c-2d-array-a-different-better-solution-6d371363ebf8>

https://www.youtube.com/watch?v=kS_gr2_-ws8&t=3s

<https://www.youtube.com/watch?v=KDQXUysHLL8>

<https://www.youtube.com/watch?v=tw-qWGG8y5g>

Resources for Multiset in C++

<https://www.geeksforgeeks.org/multiset-in-cpp-stl/>

<https://www.youtube.com/watch?v=xxA2QjKj73w>

Resources for Vectors in C++

<https://www.geeksforgeeks.org/vector-in-cpp-stl/>

<https://www.bitdegree.org/learn/c-plus-plus-vector>

<https://www.youtube.com/watch?v=bADtYBxrM8I>

<https://www.youtube.com/watch?v=loBmNtiTXd0>

SOME TALKS BY THE CREATOR OF LINUX

<https://www.youtube.com/watch?v=4XpnKHJAok8>

<https://www.youtube.com/watch?v=o8NPIIzkFhE>

<https://www.youtube.com/watch?v=WVTWCPOUt8w&t=1s>

1		2
1	Constraints (Max N)	Minimum Complexity
2	10^{18}	$O(\log N)$
3	10^8	$O(N)$
4	10^4	$O(N^2)$
5	10^7	$O(N \log N)$
6	< 500	$O(N^3)$
7	$< 85-90$	$O(N^4)$
8	20	$O(2^N)$
9	11	$O(N!)$

For dealing with constraints in coding questions. This is very helpful .

