

trie	http://threads-iiith.quora.com/Tutorial-on-Trie-and-example-problems http://www.quora.com/What-are-some-of-the-good-sources-to-understand-suffix-tree-suffix-array-and-their-implementation https://www.topcoder.com/community/data-science/data-science-tutorials/using-tries/ https://www.youtube.com/watch?v=gfqS5nUH9ew
linked list	http://codingfreak.blogspot.com/2009/08/implementation-of-singly-linked-list-in.html
nCr	http://discuss.codechef.com/questions/3869/best-known-algos-for-calculating-ncr-m http://www.quora.com/What-are-some-efficient-algorithms-to-compute-nCr/answer/Ankesh-Anand http://discuss.codechef.com/questions/4442/cntways-editorial https://comeoncodeon.wordpress.com/2011/07/31/combinaton/
disjoint set	https://www.topcoder.com/community/data-science/data-science-tutorials/disjoint-set-data-structures/ http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-046j-design-and-analysis-of-algorithms-spring-2012/lecture-notes/MIT6_046JS12_lec16.pdf
tc arena	https://tanvir002700.wordpress.com/2015/03/17/top-coder-arena-setup/
suffix tree	Suffix1.pdf http://stackoverflow.com/questions/9452701/ukkonens-suffix-tree-algorithm-in-plain-english/9513423#9513423
number of zeroes and digits of n! in base b	https://comeoncodeon.wordpress.com/2010/02/17/number-of-zeroes-and-digits-in-n-factorial-in-base-b/
leading zeroes	http://www.blog.republicofmath.com/the-leading-base-10-digit-of-an-integer/
seg tree	https://www.topcoder.com/community/data-science/data-science-tutorials/range-minimum-query-and-lowest-common-ancestor/ http://e-maxx.ru/algo/segment_tree http://codeforces.com/blog/entry/15890 http://letuscode.blogspot.com/2013/01/segtrees.html
spoj dquery	http://stackoverflow.com/questions/18553567/difficulty-in-understanding-the-approach-for-solving-spoj-dquery
MO	http://blog.anudeep2011.com/mos-algorithm/
kd tree	http://graphics.stanford.edu/courses/cs428-03-spring/03Talks/Range.pdf http://www.cnblogs.com/eyesjwang/articles/2429382.html
bit	https://www.topcoder.com/community/data-science/data-science-tutorials/binary-indexed-%20trees/ http://bitdevu.blogspot.com/
pythagorean triplet	https://www.mathsisfun.com/numbers/pythagorean-triples.html
z algorithm	https://ivanyu.me/blog/2013/10/15/z-algorithm/ (read the example)

	http://e-maxx-eng.github.io/string/z-function.html	(only code)							
kmp	topcoder tutorial http://jakeboxer.com/blog/2009/12/13/the-knuth-morris-pratt-algorithm-in-my-own-words/								
find nith term of an sequence	http://www.purplemath.com/modules/nextnumb.htm								
manacher	http://e-maxx.ru/algo/palindromes_count								
aho corasick	https://www.youtube.com/watch?v=IjWwuP8CbH4 https://www.youtube.com/watch?v=d24CyiU1JFk https://en.wikipedia.org/wiki/Aho%E2%80%93Corasick_algorithm http://cr.yp.to/bib/1975/aho.pdf http://rendon.x10.mx/aho-corasick/ https://gist.github.com/andmej/1233426 https://www.youtube.com/watch?v=VG3oQR9I74Q http://e-maxx.ru/algo/aho_corasick	*** the slide is good.							
suffix array	http://web.stanford.edu/class/cs97si/suffix-array.pdf https://discuss.codechef.com/questions/21385/a-tutorial-on-suffix-arrays https://www.quora.com/Given-a-string-how-do-I-find-the-number-of-distinct-substrings-of-the-string http://codeforces.com/blog/entry/12233 https://www.cs.usfca.edu/~galles/visualization/RadixSort.html http://e-maxx.ru/algo/suffix_array								
game theory	http://www.shafaetsplanet.com/planetcoding/?p=2608 http://www.suhendry.net/blog/?p=1612 http://www.cs.ox.ac.uk/files/2735/Composite_games.pdf http://www.math.ucla.edu/~tom/Game_Theory/comb.pdf https://www.topcoder.com/community/data-science/data-science-tutorials/algorithm-games/ http://web.mit.edu/sp.268/www/nim.pdf http://is.muni.cz/th/325040/fi_b/Combinatorial_games.pdf https://www.codechef.com/wiki/tutorial-coin-game https://www.cs.umd.edu/~gordon/ysp/nim.pdf Turning Turtles, Staircase Nim, Nimble or Northcott's Game. http://web.archive.org/web/20010514015250/http://sps.nus.edu.sg/~limchuwe/cgt/	** misere* ***							

max flow	http://zobayer.blogspot.com/2010/05/maximum-flow-dinitz-algorithm.html https://mradowan.github.io/algorithms/2014/05/02/flows-cuts-and-matchings/
maximum bipartite matching	http://shakilcompetitiveprogramming.blogspot.com/2013/12/maximum-bipartite-matching-by-kuhns.html http://apps.topcoder.com/forums/?module=Thread&threadID=684427&start=0 https://github.com/cacophonix/LightOJ/blob/master/1149.cpp
sum of coprimes of n	http://math.stackexchange.com/questions/569210/sum-of-all-coprimes-of-a-number
possible combinations with upper/lower bounds	https://sakibulmowla.quora.com/Number-of-Solutions-to-a-Linear-Algebraic-Equation
nCr	https://github.com/haikentcode/top10algorithms/blob/master/Prime%20Numbers%20And%20Prime%20Factorization%20nCmodp.py
Boyer Moore	http://orion.lcg.ufrj.br/Dr.Dobbs/books/book5/chap10.htm
dsu on tree	http://codeforces.com/blog/entry/44351
chinese remainder theorem	http://www.geeksforgeeks.org/chinese-remainder-theorem-set-2-implementation/
extended euclid	https://www.youtube.com/watch?v=hB34-GSDT3k
associated stirling number of second kind	https://en.wikipedia.org/wiki/Stirling_numbers_of_the_second_kind#Associated_Stirling_numbers_of_the_second_kind
splay tree	http://codeforces.com/blog/entry/18462 http://www.drdobbs.com/cpp/implementing-splay-trees-in-c/184402007

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