**ন্যূনতম সংখ্যাতত্ত্ব : ১ মৌলিক সংখ্যা, ডিভিজর কাউন্ট,GCD, LCM,অয়লারের টশিয়েন্ট ফাংশন,এক্সটেন্ডেড ইউক্লিড,মাল্টিপ্লিকেটিভ মডুলার ইনভার্স এবং কিছু মডুলার অ্যারিথমেটিক (বাংলায়)**

[**http://www.progkriya.org/gyan/basic-number-theory.html**](http://www.progkriya.org/gyan/basic-number-theory.html)

**প্রাইম জেনারেটর (Sieve of Eratosthenes)(বাংলায়):**

[**http://www.shafaetsplanet.com/planetcoding/?p=624**](http://www.shafaetsplanet.com/planetcoding/?p=624)

[**http://shikhorroy.wordpress.com/2013/01/06/wp-mep2mliv-1y/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fshikhorroy.wordpress.com%2F2013%2F01%2F06%2Fwp-mep2mliv-1y%2F&h=IAQH9z_4N&s=1)

[**http://en.wikipedia.org/wiki/Sieve\_of\_Eratosthenes**](http://l.facebook.com/l.php?u=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FSieve_of_Eratosthenes&h=TAQHV6YSF&s=1)

**প্রাইম নাম্বার চেকিং(বাংলায়):**

[**http://shikhorroy.wordpress.com/2013/04/13/wp-mep2mliv-3l/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fshikhorroy.wordpress.com%2F2013%2F04%2F13%2Fwp-mep2mliv-3l%2F&h=9AQHCKz2J&s=1)

**বিটওয়াইজ্ সিভ(Bitwise sieve)(বাংলায়):**

[**http://www.shafaetsplanet.com/planetcoding/?p=855**](http://www.shafaetsplanet.com/planetcoding/?p=855)

**মডুলার অ্যারিথমেটিক ও বিগ মড(বাংলায়):**

[**http://www.shafaetsplanet.com/planetcoding/?p=936**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.shafaetsplanet.com%2Fplanetcoding%2F%3Fp%3D936&h=XAQGmLGfi&s=1)

[**http://en.wikipedia.org/wiki/Modular\_arithmetic**](http://l.facebook.com/l.php?u=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FModular_arithmetic&h=eAQFmyQ6j&s=1)

**এক্সটেন্ডেড ইউক্লিড (বাংলায়):**

[**http://www.abuasifkhan.me/2013/07/extended-euclid-method/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.abuasifkhan.me%2F2013%2F07%2Fextended-euclid-method%2F&h=ZAQG23Kv_&s=1)

[**http://www.abuasifkhan.me/2013/07/extended-euclidean-algorithm/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.abuasifkhan.me%2F2013%2F07%2Fextended-euclidean-algorithm%2F&h=aAQF9jOWE&s=1)

**মাল্টিপ্লিকেটিভ মডুলার ইনভার্স:**

[**http://comeoncodeon.wordpress.com/2011/10/09/modular-multiplicative-inverse/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fcomeoncodeon.wordpress.com%2F2011%2F10%2F09%2Fmodular-multiplicative-inverse%2F&h=YAQHHOsC6&s=1)

[**http://cs.brown.edu/courses/cs007/modmult/node2.html**](http://l.facebook.com/l.php?u=http%3A%2F%2Fcs.brown.edu%2Fcourses%2Fcs007%2Fmodmult%2Fnode2.html&h=uAQHv2DtS&s=1)

[**http://www.abuasifkhan.me/2013/07/extended-euclidean-algorithm/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.abuasifkhan.me%2F2013%2F07%2Fextended-euclidean-algorithm%2F&h=pAQHXZSTx&s=1)

**Chinese Remainder Theorem :**

[**http://www.abuasifkhan.me/2013/07/chinese-remainder-theorem/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.abuasifkhan.me%2F2013%2F07%2Fchinese-remainder-theorem%2F&h=DAQEQR2IJ&s=1)

**সিগমা ফাংশনঃ(Summation of Divisors)**

[**http://primes.utm.edu/glossary/xpage/sigmafunction.html**](http://l.facebook.com/l.php?u=http%3A%2F%2Fprimes.utm.edu%2Fglossary%2Fxpage%2Fsigmafunction.html&h=SAQFrWrSW&s=1)

**টিউটরিয়াল By Jane Alam Jan : Generating Primes (Part 1) :**

[**http://lightoj.com/article\_show.php?article=1001**](http://l.facebook.com/l.php?u=http%3A%2F%2Flightoj.com%2Farticle_show.php%3Farticle%3D1001&h=dAQEWq0Z5&s=1)

**Prime Factorization :**

[**http://lightoj.com/article\_show.php?article=1002**](http://l.facebook.com/l.php?u=http%3A%2F%2Flightoj.com%2Farticle_show.php%3Farticle%3D1002&h=DAQEQR2IJ&s=1)

**Finding Divisors :**

[**http://lightoj.com/article\_show.php?article=1003**](http://l.facebook.com/l.php?u=http%3A%2F%2Flightoj.com%2Farticle_show.php%3Farticle%3D1003&h=LAQEIkOcn&s=1)

**Small Biginteger Library for Contest :**

[**http://lightoj.com/article\_show.php?article=1004**](http://l.facebook.com/l.php?u=http%3A%2F%2Flightoj.com%2Farticle_show.php%3Farticle%3D1004&h=uAQHv2DtS&s=1)

**প্রাইম নাম্বার Topcoder টিউটরিয়ালঃ**

[**http://community.topcoder.com/tc?module=Static&d1=tutorials&d2=primeNumbers**](http://l.facebook.com/l.php?u=http%3A%2F%2Fcommunity.topcoder.com%2Ftc%3Fmodule%3DStatic%26d1%3Dtutorials%26d2%3DprimeNumbers&h=WAQGRGRHi&s=1)

[**http://community.topcoder.com/tc?module=Static&d1=tutorials&d2=math\_for\_topcoders**](http://l.facebook.com/l.php?u=http%3A%2F%2Fcommunity.topcoder.com%2Ftc%3Fmodule%3DStatic%26d1%3Dtutorials%26d2%3Dmath_for_topcoders&h=HAQEEnDss&s=1)

**ফুল ডকুমেন্টঃ**

[**http://www.math.mtu.edu/mathlab/COURSES/holt/dnt/**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.math.mtu.edu%2Fmathlab%2FCOURSES%2Fholt%2Fdnt%2F&h=qAQGbuGo-&s=1)

**Concrete Mathematics by Knuth**

**Prime Numbers - Section 4.2, 4.3, 4.4, 4.5**

**GCD and LCM -Section 4.1**

**Modulo Arithmetic & Phi funtion - Section 3.4,4.6**

**Fibinacci Numbers -Section 6.6**

**Competitive Programming by Halim (1st edition) Section 5.3**

**Download link :**

[**http://www.comp.nus.edu.sg/%7Estevenha/myteaching/competitive\_programming/ch5.zip**](http://l.facebook.com/l.php?u=http%3A%2F%2Fwww.comp.nus.edu.sg%2F%257Estevenha%2Fmyteaching%2Fcompetitive_programming%2Fch5.zip&h=2AQFYzxx7&s=1)

**প্রবলেম**

**uHunt এ Mathematics এ Number Theory এর প্রবলেম ও নিচে একটা লিস্ট দিলামঃ**

[**http://www.acmsolver.org/?p=1037**](http://www.acmsolver.org/?p=1037)

* **Collected From :**

Programming Resource [ <https://www.facebook.com/presource> ]