

Modular Arithmetic

Solved 5 / 5	A	EOlymp 8371 Even or Odd
Solved 3 / 3	B	AtCoder abc266_b Modulo Number
Solved 5 / 5	C	Gym 248968S Factorial Under Modulo
Solved 5 / 5	D	Gym 248968Y Fibonacci Under Modulo
Solved 4 / 5	E	CodeForces 913A Modular Exponentiation
Solved 3 / 3	F	UVA 374 Big Mod 1
Solved 3 / 8	G	EOlymp 1121 Big Mod 2
Solved 3 / 11	H	SPOJ PWRANDMOD Big Mod 3
Solved 3 / 3	I	EOlymp 9606 Modular division
Solved 3 / 8	J	SPOJ FACTMUL Product of factorials
Solved 3 / 3	K	CodeForces 987B Deception
Solved 3 / 7	L	SPOJ LASTDIG The last digit
Solved 2 / 3	M	UVA 11029 Leading and Trailing
Solved 2 / 2	N	SPOJ ZSUM Just Add It
Solved 3 / 3	O	LightOJ 1214 Large Division
Solved 3 / 3	P	CodeForces 1374A Required Remainder
Solved 1 / 2	Q	CodeForces 1603B My Problem!!!
Solved 2 / 2	R	CodeForces 1178C Tiles
Solved 2 / 3	S	LightOJ 1067 Combinations
Solved 2 / 3	T	CodeForces 300C Beautiful Numbers
Solved 3 / 3	U	CodeForces 456B Fedya and Maths
Solved 1 / 1	V	AtCoder abc103_c Modulo Summation
Solved 1 / 7	W	UVA 10212 The Last Non-zero Digit.
1 / 1	X	CodeChef EXUNA Weird Modulo Problem
1 / 1	Y	Gym 102035I Abu Tahun Mod problem
Attempted	0 / 3	Z Gym 103860F Modulo
Solved 2 / 6	AA	Toph n-factorial N Factorial (Here $N \leq 10^{18}$)
Solved 2 / 4	AB	CSES 1712 Exponentiation II
Solved 1 / 2	AC	Toph modulo Modulo
Solved 2 / 3	AD	CSES 1715 Creating Strings II
Solved 1 / 1	AE	AtCoder abc293_e Geometric Progression

BitWise

Solved 14 / 14	A	AtCoder abc213_a Bitwise Exclusive Or
Solved 11 / 11	B	CodeForces 1421A XORwise
Solved 10 / 11	C	CodeForces 467B Fedor and New Game
Solved 11 / 11	D	CodeForces 550B Preparing Olympiad

Solved9 / 16 E CodeForces 1097B Petr and a Combination Lock
 Solved9 / 9 F CodeForces 1527A And Then There Were K
 Solved8 / 8 G CodeForces 1559A Mocha and Math
 7 / 8 H CodeForces 1514B AND 0, Sum Big
 8 / 12 I CodeForces 1420B Rock and Lever
 Solved9 / 9 J CodeForces 1805A We Need the Zero
 7 / 7 K CodeChef CHNGOR Chang and Bitwise OR
 Solved9 / 9 L CodeForces 1601A Array Elimination
 8 / 18 M CodeForces 1516B AGAGA XOOORRR
 2 / 2 N CodeChef CHEFQUE Chef and Queries
 4 / 8 O CodeForces 276D Little Girl and Maximum XOR
 4 / 4 P CodeForces 1045I Palindrome Pairs
 3 / 5 Q CodeChef ODPIC Odd Topic
 5 / 7 R CodeForces 1614C Divan and bitwise operations
 3 / 7 S CodeChef PPXOR Polo the Penguin and the XOR
 0 / 1 T Toph easy-peasy-subset-sum Easy Peasy Subset Sum
 1 / 6 U HackerRank count-triplets-1 Count Triplets
 1 / 2 V SPOJ TRICOUNT Counting Triangles
 W Baekjoon 23992 Math Encoder
 2 / 2 X Gym 104289B OR-bitax
 Y Gym 104333A Convolution XOR SUM
 1 / 1 Z CodeForces 484A Bits
 2 / 2 AA CodeForces 1504B Flip the Bits
 2 / 2 AB CodeForces 1763A Absolute Maximization
 AC CodeForces 1722G Even-Odd XOR
 2 / 2 AD CodeForces 1635A Min Or Sum
 AE CodeChef RIVALRY Expected Value
 AF Gym 101021A Guess the Number
 1 / 1 AG CodeForces 1486C1 Guessing the Greatest (easy version)
 Solved4 / 4 AH CodeForces 679A Bear and Prime 100
 Solved3 / 3 AI CodeForces 1807E Interview
 AJ Toph a-new-tough-game A New Tough Game
 1 / 1 AK CodeForces 1879D Sum of XOR Functions

Prefix sum two pointer

Solved16 / 60A HackerRank si-basic-prime-or-not Prime or not
 Solved16 / 28B CodeForces 762A k-th divisor
 Solved18 / 29C CSES 1713 Counting Divisors
 1 / 2 D ZOJ 2095 Divisor Summation
 Solved11 / 41E SPOJ ABA12D Sum of divisors!

Solved 12 / 28	F	CodeForces 1294C	Product of Three Numbers
Solved 10 / 13	G	SPOJ UPDATEIT	Update the array !
Solved 10 / 12	H	CodeForces 295A	Greg and Array
Solved 10 / 11	I	CodeForces 816B	Karen and Coffee
Solved 9 / 16	J	CodeForces 276C	Little Girl and Maximum Sum
Solved 7 / 11	K	CodeChef AGCY	Angry Cyborg
Solved 9 / 9	L	CSES 1652	Forest Queries
1 / 7	M	CodeForces 835C	Star sky
Solved 7 / 14	N	CodeChef CENS20A	Cherry and Bits
Solved 9 / 21	O	CSES 1141	Playlist
Solved 7 / 12	P	CSES 2428	Subarray Distinct Values
Solved 7 / 28	Q	CSES 1641	Sum of Three Values
Solved 8 / 13	R	CodeForces 363B	Use Sliding Window
Solved 6 / 28	S	UESTC 201	Sliding Window
Solved 6 / 13	T	AtCoder abc194_e	Mex Min
Solved 5 / 36	U	URAL 1014	Product of Digits
Solved 11 / 15	V	CodeForces 472A	Design Tutorial: Learn from Math
Solved 10 / 15	W	CodeForces 1665A	GCD vs LCM

Bs

Solved 23 / 33	A	CodeForces 919B	Linear Search
Solved 16 / 33	B	SPOJ AGGRCOW	Aggressive cows
Solved 12 / 12	C	CodeForces 1612C	Chat Ban
Solved 17 / 17	D	CodeForces 1352C	K-th Not Divisible by n
Solved 14 / 24	E	UVA 10474	Where is the Marble?
Solved 15 / 27	F	LightOJ 1088	Points in Segments
G		CodeChef MINEAT	Minion Chef and Bananas
Solved 12 / 33	H	SPOJ MAIN8_C	Shake Shake Shaky
Solved 12 / 20	I	CodeForces 932B	Recursive Queries
Solved 15 / 20	J	CodeForces 474B	Worms
Solved 15 / 24	K	CodeForces 706B	Interesting drink
Solved 11 / 12	L	AtCoder abc217_a	Easy Lexicographic Order
Solved 9 / 11	M	SPOJ MAIN71	Lexicographical ordering
Solved 11 / 14	N	CodeForces 940C	Phone Numbers
Solved 12 / 28	O	SPOJ SORT2D	2D-SORT
Solved 13 / 24	P	HackerRank ctc-bubble-sort	Bubble Sort
Solved 11 / 21	Q	HackerRank counting-sort2	Counting Sort
Solved 10 / 22	R	SPOJ ABACABA	Divide and Conquer
Solved 6 / 6	S	SPOJ TOHMOVE1	Tower of Hanoi

Solved 10 / 15	T	SPOJ MERGSORT	Mergesort
Solved 8 / 11	U	SPOJ INVCNT	Inversion Count using Divide and Conquer
Solved 12 / 32	V	CSES 1620	Factory Machines
Solved 12 / 22	W	CodeForces 1201C	Maximum Median
Solved 13 / 22	X	CSES 1085	Array Division
Solved 12 / 19	Y	CSES 1640	Sum of Two Values
Solved 9 / 21	Z	CSES 1661	Subarray Sums II
9 / 18	AA	CSES 1662	Subarray Divisibility
3 / 4	AB	CSES 2422	Multiplication Table
Solved 10 / 14	AC	CSES 1074	Stick Lengths
Solved 11 / 12	AD	CSES 1629	Movie Festival
Solved 9 / 11	AE	CSES 1630	Tasks and Deadlines
Solved 11 / 13	AF	CSES 1073	Towers
9 / 20	AG	CSES 1161	Stick Divisions
5 / 33	AH	HDU 2199	Can you solve this equation?
4 / 4	AI	CodeForces 1843E	Tracking Segments
6 / 6	AJ	CodeForces 632C	The Smallest String Concatenation
6 / 11	AK	CSES 1090	Ferris Wheel

bs sorting