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Introduction	Ad Hoc Problems	Time	10070 - Leap Year or Not Leap Year and ...	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=1011
Introduction	Ad Hoc Problems	Time	579 - Clock Hands	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=520
Introduction	Ad Hoc Problems	Time	11219 - How old are you?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=2160
Introduction	Ad Hoc Problems	Time	893 - Y3K Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=834
Introduction	Ad Hoc Problems	Time	10683 - The decadary watch	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=1624
Introduction	Ad Hoc Problems	Time	170 - Clock Patience	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=106
Introduction	Ad Hoc Problems	Time	12148 - Electricity	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=3300
Introduction	Ad Hoc Problems	Time	10339 - Watching Watches	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=1280
Introduction	Ad Hoc Problems	Time	11650 - Mirror Clock	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=2697
Introduction	Ad Hoc Problems	Time	12531 - Hours and Minutes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=619&page=show_problem&problem=3976
Introduction	Ad Hoc Problems	Time Waster' Problems	12060 - All Integer Average	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=3212
Introduction	Ad Hoc Problems	Time Waster' Problems	337 - Interpreting Control Sequences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=273
Introduction	Ad Hoc Problems	Time Waster' Problems	214 - Code Generation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=150
Introduction	Ad Hoc Problems	Time Waster' Problems	945 - Loading a Cargo Ship	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=886
Introduction	Ad Hoc Problems	Time Waster' Problems	349 - Transferable Voting (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=285
Introduction	Ad Hoc Problems	Time Waster' Problems	10134 - AutoFish	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=1075
Introduction	Ad Hoc Problems	Time Waster' Problems	830 - Shark	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=771
Introduction	Ad Hoc Problems	Time Waster' Problems	10961 - Chasing After Don Giovanni	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=1902
Introduction	Ad Hoc Problems	Time Waster' Problems	10142 - Australian Voting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=1083
Introduction	Ad Hoc Problems	Time Waster' Problems	12608 - Garbage Collection	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=4286
Introduction	Ad Hoc Problems	Time Waster' Problems	10267 - Graphical Editor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=1208
Introduction	Ad Hoc Problems	Time Waster' Problems	603 - Parking Lot	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=544
Introduction	Ad Hoc Problems	Time Waster' Problems	11140 - Little Ali's Little Brother!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=2081
Introduction	Ad Hoc Problems	Time Waster' Problems	556 - Amazing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=497
Introduction	Ad Hoc Problems	Time Waster' Problems	10188 - Automated Judge Script	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=1129
Introduction	Ad Hoc Problems	Time Waster' Problems	335 - Processing MX Records	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=271
Introduction	Ad Hoc Problems	Time Waster' Problems	11717 - Energy Saving Microcontroller	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=2764
Introduction	Ad Hoc Problems	Time Waster' Problems	12085 - Mobile Casanova	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=3237
Introduction	Ad Hoc Problems	Time Waster' Problems	405 - Message Routing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=346
Introduction	Ad Hoc Problems	Time Waster' Problems	381 - Making the Grade	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=317
Introduction	Ad Hoc Problems	Time Waster' Problems	10033 - Interpreter	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=974
Introduction	Ad Hoc Problems	Time Waster' Problems	144 - Student Grants	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=620&page=show_problem&problem=80
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	10978 - Let's Play Magic!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=1919
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	12150 - Pole Position	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=3302
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	230 - Borrowers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=166
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	10038 - Jolly Jumpers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=979
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11608 - No Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2655
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11340 - Newspaper	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2315
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	394 - Mapmaker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=330
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	414 - Machined Surfaces	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=355
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	665 - False coin	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=606
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11093 - Just Finish it up	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2034
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	10260 - Soundex	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=1201
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	467 - Synching Signals	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=408
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	755 - 487--3279	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=696
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11850 - Alaska	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2950
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	482 - Permutation Arrays	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=423
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	12356 - Army Buddies	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=3778
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11192 - Group Reverse	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2133
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11496 - Musical Loop	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2491
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	11222 - Only I did it!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=2163
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	10050 - Hartals	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=991
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	1D Array Manipulation	591 - Box of Bricks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=623&page=show_problem&problem=532
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	101 - The Blocks Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=37
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	466 - Mirror, Mirror	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=407
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	11835 - Formula 1	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=2935
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	434 - Matty's Blocks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=375
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	10855 - Rotated Square	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=1796
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	10016 - Flip-Flop the Squarelotron	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=957
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	10920 - Spiral Tap	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=1861

Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	10703 - Free spots	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=1644
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	12187 - Brothers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=3339
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	541 - Error Correction	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=482
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	11581 - Grid Successors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=2628
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	11349 - Symmetric Matrix	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=2324
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	12398 - NumPuzz I	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=3829
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	12291 - Polyomino Composer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=3712
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	11360 - Have Fun With Matrices	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=2345
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	2D Array Manipulation	11040 - Add bricks in the wall	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=624&page=show_problem&problem=1981
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	11760 - Brother Arif, Please feed us!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=2860
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	10264 - The Most Potent Corner	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=1205
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	11926 - Multitasking	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=3077
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	1241 - Jollybee Tournament	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=3682
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	11173 - Grey Codes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=2114
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	700 - Date Bugs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=641
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	594 - One Little, Two Little, Three Little Endians	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=535
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	Bit Manipulation	11933 - Splitting Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=626&page=show_problem&problem=3084
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10194 - Football (aka Soccer)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1135
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	790 - Head Judge Headache	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=731
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10057 - A mid-summer night's dream.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=998
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	855 - Lunch in Grid City	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=796
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	11039 - Building designing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1980
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	11824 - A Minimum Land Price	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=2924
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	11588 - Image Coding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=2635
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	123 - Searching Quickly	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=59
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10107 - What is the Median?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1048
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	11321 - Sort! Sort!! and Sort!!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=2296
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	400 - Unix Is	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=341
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	146 - ID Codes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=82
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10880 - Colin and Ryan	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1821
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10698 - Football Sort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1639
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	11777 - Automate the Grades	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=2877
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	450 - Little Black Book	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=391
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	1209 - Wordfish	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=3650
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10258 - Contest Scoreboard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1199
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	10905 - Children's Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=1846
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL algorithm (Java Collections)	12541 - Birthdates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=625&page=show_problem&problem=3986
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL list (Java LinkedList)	11988 - Broken Keyboard (a.k.a. Beiju Text)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=627&page=show_problem&problem=3139
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	12207 - That is Your Queue	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=3359
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	10935 - Throwing cards away I	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=1876
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	10901 - Ferry Loading III	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=1842
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	12100 - Printer Queue	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=3252
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	540 - Team Queue	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=481
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	10172 - The Lonesome Cargo Distributor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=1113
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL queue and deque (Java Queue and Deque)	11034 - Ferry Loading IV	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=629&page=show_problem&problem=1975
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL stack (Java Stack)	10858 - Unique Factorization	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=628&page=show_problem&problem=1799
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL stack (Java Stack)	732 - Anagrams by Stack	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=628&page=show_problem&problem=673
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL stack (Java Stack)	1062 - Containers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=628&page=show_problem&problem=3503
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL stack (Java Stack)	514 - Rails	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=628&page=show_problem&problem=455
Data Structures and Libraries	Linear Data Structures with Built-in Libraries	C++ STL stack (Java Stack)	127 - "Accordian" Patience	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=628&page=show_problem&problem=63
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11917 - Do Your Own Homework	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=3068
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	10132 - File Fragmentation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=1073
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11572 - Unique Snowflakes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2619
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	860 - Entropy Text Analyzer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=801
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11860 - Document Analyzer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2960
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11286 - Conformity	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2261
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11629 - Ballot evaluation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2676
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	939 - Genes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=880
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	12592 - Slogan Learning of Princes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=4270
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11348 - Exhibition	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2323
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11308 - Bankrupt Baker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2283
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	417 - Word Index	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=358
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	12504 - Updating a Dictionary	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=3948
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	10686 - SQF Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=1627
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	484 - The Department of Redundancy Department	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=425
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	10295 - Hay Points	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=1236

Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	10138 - CDVII	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=1079
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	10282 - Babelfish	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=1223
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	10226 - Hardwood Species	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=1167
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL map (Java TreeMap)	11239 - Open Source	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=631&page=show_problem&problem=2180
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL priority_queue (Java PriorityQueue)	1203 - Argus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=633&page=show_problem&problem=3644
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL priority_queue (Java PriorityQueue)	11995 - I Can Guess the Data Structure!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=633&page=show_problem&problem=3146
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL priority_queue (Java PriorityQueue)	10954 - Add All	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=633&page=show_problem&problem=1895
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	12049 - Just Prune The List	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=3200
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	11849 - CD	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=2949
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	11136 - Hoax or what	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=2077
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	978 - Lemmings Battle!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=919
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	501 - Black Box	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=442
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	10815 - Andy's First Dictionary	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=1756
Data Structures and Libraries	Non Linear Data Structures with Built-in Libraries	C++ STL set (Java TreeSet)	11062 - Andy's Second Dictionary	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=632&page=show_problem&problem=2003
Data Structures and Libraries	Data Structures with Our-Own Libraries	Graph Data Structures Problems	11991 - Easy Problem from Ruja Liu?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=635&page=show_problem&problem=3142
Data Structures and Libraries	Data Structures with Our-Own Libraries	Graph Data Structures Problems	10895 - Matrix Transpose	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=635&page=show_problem&problem=1836
Data Structures and Libraries	Data Structures with Our-Own Libraries	Graph Data Structures Problems	11550 - Demanding Dilemma	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=635&page=show_problem&problem=2545
Data Structures and Libraries	Data Structures with Our-Own Libraries	Graph Data Structures Problems	10928 - My Dear Neighbours	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=635&page=show_problem&problem=1869
Data Structures and Libraries	Data Structures with Our-Own Libraries	Graph Data Structures Problems	599 - The Forrest for the Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=635&page=show_problem&problem=540
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	297 - Quadrees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=233
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	11235 - Frequent values	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=2176
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	11297 - Census	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=2272
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	12532 - Interval Product	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=3977
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	11350 - Stern-Brocot Tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=2325
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	12086 - Potentiometers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=3238
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	1232 - SKYLINE	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=3673
Data Structures and Libraries	Data Structures with Our-Own Libraries	Tree-related Data Structures	11402 - Ahoy, Pirates!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=637&page=show_problem&problem=2397
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	11690 - Money Matters	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=2737
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	10583 - Ubiquitous Religions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=1524
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	793 - Network Connections	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=734
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	10685 - Nature	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=1626
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	1197 - The Suspects	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=3638
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	11503 - Virtual Friends	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=2498
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	10158 - War	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=1099
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	10507 - Waking up brain	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=1448
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	10608 - Friends	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=1549
Data Structures and Libraries	Data Structures with Our-Own Libraries	Union-Find Disjoint Sets	10227 - Forests	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=636&page=show_problem&problem=1168
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	11205 - The broken pedometer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=2146
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	11412 - Dig the Holes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=2407
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	12406 - Help Dexter	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3837
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	11553 - Grid Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=2548
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	435 - Block Voting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=376
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	12346 - Water Gate Management	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3768
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	12455 - Bars	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3886
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	1064 - Network	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3505
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	234 - Switching Channels	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=170
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	140 - Bandwidth	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=76
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	639 - Don't Get Rooked	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=580
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	12348 - Fun Coloring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3770
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	11742 - Social Constraints	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=2842
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	1047 - Zones	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3488
Problem Solving Paradigms	Complete Search	Iterative (Fancy Techniques)	12249 - Overlapping Scenes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=644&page=show_problem&problem=3401
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	1237 - Expert Enough?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=3678
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	256 - Quirksom Squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=192
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	11001 - Necklace	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=1942
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	927 - Integer Sequences from Addition of Terms	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=868
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	11078 - Open Credit System	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=2019
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	10976 - Fractions Again?!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=1917
Problem Solving Paradigms	Complete Search	Iterative (One Loop, Linear Scan)	102 - Ecological Bin Packing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=640&page=show_problem&problem=38
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	10908 - Largest Square	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=1849
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	10502 - Counting Rectangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=1443
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	441 - Lotto	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=382
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	11975 - Tele-Ioto	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=3126
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	735 - Dart-a-Mania	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=676
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	12498 - Ant's Shopping Mall	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=3942
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	188 - Perfect Hash	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=124

Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	10102 - The path in the colored field	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=1043
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	154 - Recycling	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=90
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	10662 - The Wedding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=1603
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	703 - Triple Ties: The Organizer's Nightmare	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=644
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	11059 - Maximum Product	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=2000
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	12515 - Movie Police	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=3960
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Easier)	626 - Ecosystem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=642&page=show_problem&problem=567
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11804 - Argentina	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=2904
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11342 - Three-square	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=2317
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11236 - Grocery store	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=2177
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	296 - Safebreaker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=232
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10360 - Rat Attack	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1301
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11959 - Dice	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=3110
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10177 - (2/3/4)-D Sqr/Rects/Cubes/Boxes?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1118
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10365 - Blocks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1306
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11565 - Simple Equations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=2612
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11108 - Tautology	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=2049
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	253 - Cube painting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=189
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10973 - Triangle Counting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1914
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10483 - The Sum Equals the Product	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1424
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	386 - Perfect Cubes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=322
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	11548 - Blackboard Bonanza	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=2543
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10125 - Sumssets	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1066
Problem Solving Paradigms	Complete Search	Iterative (Three or More Nested Loops, Harder)	10660 - Citizen attention offices	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=643&page=show_problem&problem=1601
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	10730 - Antiarithmetic?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=1671
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	11242 - Tour de France	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=2183
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	12488 - Start Grid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=3932
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	105 - The Skyline Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=41
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	471 - Magic Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=412
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	725 - Division	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=666
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	1260 - Sales	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=3701
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	10041 - Vito's Family	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=982
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	10487 - Closest Sums	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=1428
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	347 - Run	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=283
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	12583 - Memory Overflow	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=4028
Problem Solving Paradigms	Complete Search	Iterative (Two Nested Loops)	617 - Nonstop Travel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=641&page=show_problem&problem=558
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	539 - The Settlers of Catan	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=480
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	750 - 8 Queens Chess Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=691
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	167 - The Sultan's Successors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=103
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	628 - Passwords	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=569
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	10276 - Hanoi Tower Troubles Again!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=1217
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	729 - The Hamming Distance Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=670
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	624 - CD	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=565
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	677 - All Walks of length "n" from the first node	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=618
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	10452 - Marcus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=1393
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	10344 - 23 out of 5	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=1285
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	11085 - Back to the 8-Queens	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=2026
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	10576 - Y2K Accounting Bug	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=1517
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Easy)	380 - Call Forwarding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=645&page=show_problem&problem=316
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	10094 - Place the Guards	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=1035
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	208 - Firetruck	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=144
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	193 - Graph Coloring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=129
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	10582 - ASCII Labyrinth	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=1523
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	861 - Little Bishops	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=802
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	565 - Pizza Anyone?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=506
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	416 - LED Test	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=357
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	10128 - Queue	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=1069
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	868 - Numerical Maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=809
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	1262 - Password	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=3703
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	11090 - Going in Cycle!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=2031
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	165 - Stamps	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=101
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	433 - Bank (Not Quite O.C.R.)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=374
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Harder)	129 - Krypton Factor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=647&page=show_problem&problem=65
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	331 - Mapping the Swaps	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=267
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10460 - Find the Permuted String	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=1401
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	524 - Prime Ring Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=465

Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10506 - The Ouroboros problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=1447
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	11961 - DNA	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=3112
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10063 - Knuth's Permutation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=1004
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10950 - Bad Code	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=1891
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	775 - Hamiltonian Cycle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=716
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	571 - Jugs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=512
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10001 - Garden of Eden	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=942
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	598 - Bundling Newspapers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=539
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	487 - Boggle Blitz	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=428
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	301 - Transportation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=237
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10503 - The dominoes solitaire	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=1444
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	222 - Budget Travel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=158
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	10475 - Help the Leaders	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=1416
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	574 - Sum It Up	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=515
Problem Solving Paradigms	Complete Search	Recursive Backtracking (Medium)	11201 - The problem of the crazy linguist	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=646&page=show_problem&problem=2142
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	562 - Dividing coins	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=503
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	10616 - Divisible Group Sums	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=1557
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	11003 - Boxes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=1944
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	10664 - Luggage	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=1605
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	10819 - Trouble of 13-Dots	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=1760
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	11566 - Let's Yum Cha!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=2613
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	10261 - Ferry Loading	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=1202
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	11658 - Best Coalitions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=2705
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	1213 - Sum of Different Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=3654
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	990 - Diving for Gold	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=931
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	10130 - SuperSale	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=1071
Problem Solving Paradigms	Dynamic Programming	0-1 Knapsack (Subset Sum)	11341 - Term Strategy	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=652&page=show_problem&problem=2316
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	357 - Let Me Count The Ways	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=293
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	166 - Making Change	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=102
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	11517 - Exact Change	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=2512
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	11137 - Ingenious CURRENCY	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=2078
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	10313 - Pay the Price	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=1254
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	147 - Dollars	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=83
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	10306 - e-Coins	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=1247
Problem Solving Paradigms	Dynamic Programming	Coin Change (CC)	674 - Coin Change	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=653&page=show_problem&problem=615
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	10534 - Wavio Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=1475
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	481 - What Goes Up	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=422
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	11368 - Nested Dolls	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=2353
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	437 - The Tower of Babylon	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=378
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	1196 - Tiling Up Blocks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=3637
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	111 - History Grading	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=47
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	11456 - Trainsorting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=2451
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	497 - Strategic Defense Initiative	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=438
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	231 - Testing the CATCHER	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=167
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	10131 - Is Bigger Smarter?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=1072
Problem Solving Paradigms	Dynamic Programming	Longest Increasing Subsequence (LIS)	11790 - Murcia's Skyline	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=651&page=show_problem&problem=2890
Problem Solving Paradigms	Dynamic Programming	Max 1D Range Sum	10755 - Garbage Heap	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=649&page=show_problem&problem=1696
Problem Solving Paradigms	Dynamic Programming	Max 1D Range Sum	507 - Jill Rides Again	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=649&page=show_problem&problem=448
Problem Solving Paradigms	Dynamic Programming	Max 1D Range Sum	787 - Maximum Sub-sequence Product	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=649&page=show_problem&problem=728
Problem Solving Paradigms	Dynamic Programming	Max 1D Range Sum	10684 - The jackpot	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=649&page=show_problem&problem=1625
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	836 - Largest Submatrix	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=777
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	108 - Maximum Sum	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=44
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	10667 - Largest Block	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=1608
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	10074 - Take the Land	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=1015
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	11951 - Area	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=3102
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	10827 - Maximum sum on a torus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=1768
Problem Solving Paradigms	Dynamic Programming	Max 2D Range Sum	983 - Localized Summing for Blurring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=650&page=show_problem&problem=924
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10912 - Simple Minded Hashing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1853
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	11026 - A Grouping Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1967
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	11703 - sqrt log sin	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=2750
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10446 - The Marriage Interview :-)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1387
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10400 - Game Show Math	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1341
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10688 - The Poor Giant	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1629
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10337 - Flight Planner	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1278
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	1261 - String Popping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=3702
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10036 - Divisibility	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=977

Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10943 - How do you add?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1884
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	11420 - Chest of Drawers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=2415
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	11407 - Squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=2402
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10721 - Bar Codes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1662
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	11450 - Wedding shopping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=2445
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10520 - Determine it	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1461
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	116 - Unidirectional TSP	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=52
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10980 - Lowest Price in Town	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1921
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10086 - Test the Rods	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1027
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10003 - Cutting Sticks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=944
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	196 - Spreadsheet	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=132
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10465 - Homer Simpson	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1406
Problem Solving Paradigms	Dynamic Programming	Non Classical (The Easier Ones)	10910 - Marks Distribution	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=655&page=show_problem&problem=1851
Problem Solving Paradigms	Dynamic Programming	Traveling Salesman Problem (TSP)	11284 - Shopping Trip	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=654&page=show_problem&problem=2259
Problem Solving Paradigms	Dynamic Programming	Traveling Salesman Problem (TSP)	10496 - Collecting Beepers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=654&page=show_problem&problem=1437
Problem Solving Paradigms	Dynamic Programming	Traveling Salesman Problem (TSP)	216 - Getting in Line	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=654&page=show_problem&problem=152
Problem Solving Paradigms	Greedy	Classical, Usually Easier	12321 - Gas Stations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=3743
Problem Solving Paradigms	Greedy	Classical, Usually Easier	11264 - Coin Collector	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=2231
Problem Solving Paradigms	Greedy	Classical, Usually Easier	1193 - Radar Installation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=3634
Problem Solving Paradigms	Greedy	Classical, Usually Easier	10382 - Watering Grass	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=1323
Problem Solving Paradigms	Greedy	Classical, Usually Easier	10020 - Minimal coverage	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=961
Problem Solving Paradigms	Greedy	Classical, Usually Easier	410 - Station Balance	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=351
Problem Solving Paradigms	Greedy	Classical, Usually Easier	12405 - Scarecrow	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=3836
Problem Solving Paradigms	Greedy	Classical, Usually Easier	11389 - The Bus Driver Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=657&page=show_problem&problem=2384
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	12485 - Perfect Choir	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=3929
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11729 - Commando War	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=2829
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11269 - Setting Problems	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=2236
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11100 - The Trip, 2007	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=2041
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11900 - Boiled Eggs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=3051
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	10785 - The Mad Numerologist	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=1726
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11292 - Dragon of Looewater	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=2267
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11369 - Shopaholic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=2354
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	10763 - Foreign Exchange	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=1704
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	11103 - WFF 'N PROOF	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=2044
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	10249 - The Grand Dinner	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=1190
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	10026 - Shoemaker's Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=967
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	10037 - Bridge	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=978
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	10670 - Work Reduction	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=1611
Problem Solving Paradigms	Greedy	Involving Sorting (Or The Input Is Already Sorted)	12210 - A Match Making Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=658&page=show_problem&problem=3362
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10440 - Ferry Loading II	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1381
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	668 - Parliament	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=609
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11532 - Simple Adjacency Maximization	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2527
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10700 - Camel trading	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1641
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10152 - ShellSort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1093
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10602 - Editor Nottoobad	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1543
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11335 - Discrete Pursuit	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2310
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11240 - Antimonotonicity	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2181
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10718 - Bit Mask	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1659
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	311 - Packets	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=247
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	12482 - Short Story Competition	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=3926
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10340 - All in All	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1281
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10982 - Troublemakers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1923
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10714 - Ants	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1655
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10656 - Maximum Sum (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1597
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11230 - Annoying painting tool	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2171
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11567 - Moliu Number Generator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2614
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11520 - Fill the Square	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2515
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11054 - Wine trading in Gergovia	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1995
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	11157 - Dynamic Frog	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=2098
Problem Solving Paradigms	Greedy	Non Classical, Usually Harder	10672 - Marbles on a tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=659&page=show_problem&problem=1613
Problem Solving Paradigms	Divide and Conquer	Binary Search	679 - Dropping Balls	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=620
Problem Solving Paradigms	Divide and Conquer	Binary Search	10742 - The New Rule in Euphonia	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1683
Problem Solving Paradigms	Divide and Conquer	Binary Search	11701 - Cantor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=2748
Problem Solving Paradigms	Divide and Conquer	Binary Search	10474 - Where is the Marble?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1415
Problem Solving Paradigms	Divide and Conquer	Binary Search	10706 - Number Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1647
Problem Solving Paradigms	Divide and Conquer	Binary Search	957 - Popes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=898

Problem Solving Paradigms	Divide and Conquer	Binary Search	11876 - N + NOD (N)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=2987
Problem Solving Paradigms	Divide and Conquer	Binary Search	10077 - The Stern-Brocot Number System	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1018
Problem Solving Paradigms	Divide and Conquer	Binary Search	11621 - Small Factors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=2668
Problem Solving Paradigms	Divide and Conquer	Binary Search	10567 - Helping Fill Bates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1508
Problem Solving Paradigms	Divide and Conquer	Binary Search	10611 - The Playboy Chimp	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1552
Problem Solving Paradigms	Divide and Conquer	Binary Search	11057 - Exact Sum	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=1998
Problem Solving Paradigms	Divide and Conquer	Binary Search	12192 - Grapevine	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=661&page=show_problem&problem=3344
Problem Solving Paradigms	Divide and Conquer	Binary Search the Answer	11881 - Internal Rate of Return	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=662&page=show_problem&problem=3003
Problem Solving Paradigms	Divide and Conquer	Binary Search the Answer	12032 - The Monkey and the Oiled Bamboo	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=662&page=show_problem&problem=3183
Problem Solving Paradigms	Divide and Conquer	Binary Search the Answer	10341 - Solve It	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=662&page=show_problem&problem=1282
Problem Solving Paradigms	Divide and Conquer	Binary Search the Answer	11413 - Fill the Containers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=662&page=show_problem&problem=2408
Problem Solving Paradigms	Divide and Conquer	Binary Search the Answer	11935 - Through the Desert	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=662&page=show_problem&problem=3086
Problem Solving Paradigms	Divide and Conquer	Binary Search the Answer	12190 - Electric Bill	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=662&page=show_problem&problem=3342
Problem Solving Paradigms	Divide and Conquer	Other Divide and Conquer Problems	183 - Bit Maps	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=663&page=show_problem&problem=119
Graph	Graph Traversal	Bipartite Graph Check	11080 - Place the Guards	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=669&page=show_problem&problem=2021
Graph	Graph Traversal	Bipartite Graph Check	10004 - Bicoloring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=669&page=show_problem&problem=945
Graph	Graph Traversal	Bipartite Graph Check	10505 - Montesco vs Capuleto	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=669&page=show_problem&problem=1446
Graph	Graph Traversal	Bipartite Graph Check	11396 - Claw Decomposition	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=669&page=show_problem&problem=2391
Graph	Graph Traversal	Finding Articulation Points/Bridges	10765 - Doves and bombs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=670&page=show_problem&problem=1706
Graph	Graph Traversal	Finding Articulation Points/Bridges	796 - Critical Links	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=670&page=show_problem&problem=737
Graph	Graph Traversal	Finding Articulation Points/Bridges	10199 - Tourist Guide	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=670&page=show_problem&problem=1140
Graph	Graph Traversal	Finding Articulation Points/Bridges	315 - Network	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=670&page=show_problem&problem=251
Graph	Graph Traversal	Finding Articulation Points/Bridges	610 - Street Directions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=670&page=show_problem&problem=551
Graph	Graph Traversal	Finding Strongly Connected Components	247 - Calling Circles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=183
Graph	Graph Traversal	Finding Strongly Connected Components	10731 - Test	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=1672
Graph	Graph Traversal	Finding Strongly Connected Components	11838 - Come and Go	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=2938
Graph	Graph Traversal	Finding Strongly Connected Components	11770 - Lighting Away	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=2870
Graph	Graph Traversal	Finding Strongly Connected Components	11504 - Dominos	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=2499
Graph	Graph Traversal	Finding Strongly Connected Components	1229 - Sub-dictionary	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=3670
Graph	Graph Traversal	Finding Strongly Connected Components	11709 - Trust groups	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=671&page=show_problem&problem=2756
Graph	Graph Traversal	Flood Fill/Finding Connected Components	871 - Counting Cells in a Blob	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=812
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11110 - Equidivisions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2051
Graph	Graph Traversal	Flood Fill/Finding Connected Components	852 - Deciding victory in Go	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=793
Graph	Graph Traversal	Flood Fill/Finding Connected Components	758 - The Same Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=699
Graph	Graph Traversal	Flood Fill/Finding Connected Components	776 - Monkeys in a Regular Forest	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=717
Graph	Graph Traversal	Flood Fill/Finding Connected Components	459 - Graph Connectivity	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=400
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11244 - Counting Stars	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2201
Graph	Graph Traversal	Flood Fill/Finding Connected Components	784 - Maze Exploration	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=725
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11470 - Square Sums	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2465
Graph	Graph Traversal	Flood Fill/Finding Connected Components	1103 - Ancient Messages	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=3544
Graph	Graph Traversal	Flood Fill/Finding Connected Components	722 - Lakes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=663
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11561 - Getting Gold	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2597
Graph	Graph Traversal	Flood Fill/Finding Connected Components	10336 - Rank the Languages	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=1277
Graph	Graph Traversal	Flood Fill/Finding Connected Components	469 - Wetlands of Florida	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=410
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11518 - Dominos 2	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2513
Graph	Graph Traversal	Flood Fill/Finding Connected Components	260 - Il Gioco dell'X	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=196
Graph	Graph Traversal	Flood Fill/Finding Connected Components	785 - Grid Colouring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=726
Graph	Graph Traversal	Flood Fill/Finding Connected Components	10946 - You want what filled?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=1887
Graph	Graph Traversal	Flood Fill/Finding Connected Components	10707 - 2D-Nim	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=1648
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11749 - Poor Trade Advisor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2849
Graph	Graph Traversal	Flood Fill/Finding Connected Components	352 - The Seasonal War	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=288
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11953 - Battleships	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=3104
Graph	Graph Traversal	Flood Fill/Finding Connected Components	11094 - Continents	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=2035
Graph	Graph Traversal	Flood Fill/Finding Connected Components	657 - The die is cast	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=598
Graph	Graph Traversal	Flood Fill/Finding Connected Components	782 - Contour Painting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=723
Graph	Graph Traversal	Flood Fill/Finding Connected Components	572 - Oil Deposits	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=667&page=show_problem&problem=513
Graph	Graph Traversal	Just Graph Traversal	10113 - Exchange Rates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=1054
Graph	Graph Traversal	Just Graph Traversal	168 - Theseus and the Minotaur	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=104
Graph	Graph Traversal	Just Graph Traversal	10687 - Monitoring the Amazon	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=1628
Graph	Graph Traversal	Just Graph Traversal	12376 - As Long as I Learn, I Live	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=3798
Graph	Graph Traversal	Just Graph Traversal	824 - Coast Tracker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=765
Graph	Graph Traversal	Just Graph Traversal	12442 - Forwarding Emails	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=3873
Graph	Graph Traversal	Just Graph Traversal	318 - Domino Effect	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=254
Graph	Graph Traversal	Just Graph Traversal	12582 - Wedding of Sultan	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=4027
Graph	Graph Traversal	Just Graph Traversal	11831 - Sticker Collector Robot	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=2931
Graph	Graph Traversal	Just Graph Traversal	11906 - Knight in a War Grid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=3057

Graph	Graph Traversal	Just Graph Traversal	11902 - Dominator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=3053
Graph	Graph Traversal	Just Graph Traversal	118 - Mutant Flatworld Explorers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=54
Graph	Graph Traversal	Just Graph Traversal	614 - Mapping the Route	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=555
Graph	Graph Traversal	Just Graph Traversal	10116 - Robot Motion	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=1057
Graph	Graph Traversal	Just Graph Traversal	10377 - Maze Traversal	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=1318
Graph	Graph Traversal	Just Graph Traversal	280 - Vertex	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=666&page=show_problem&problem=216
Graph	Graph Traversal	Topological Sort	200 - Rare Order	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=668&page=show_problem&problem=136
Graph	Graph Traversal	Topological Sort	872 - Ordering	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=668&page=show_problem&problem=813
Graph	Graph Traversal	Topological Sort	11060 - Beverages	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=668&page=show_problem&problem=2001
Graph	Graph Traversal	Topological Sort	11686 - Pick up sticks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=668&page=show_problem&problem=2733
Graph	Graph Traversal	Topological Sort	10305 - Ordering Tasks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=668&page=show_problem&problem=1246
Graph	Graph Traversal	Topological Sort	124 - Following Orders	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=668&page=show_problem&problem=60
Graph	Minimum Spanning Tree	Standard	908 - Re-connecting Computer Sites	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=849
Graph	Minimum Spanning Tree	Standard	10034 - Freckles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=975
Graph	Minimum Spanning Tree	Standard	1235 - Anti Brute Force Lock	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=3676
Graph	Minimum Spanning Tree	Standard	11747 - Heavy Cycle Edges	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=2847
Graph	Minimum Spanning Tree	Standard	11631 - Dark roads	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=2678
Graph	Minimum Spanning Tree	Standard	11228 - Transportation system.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=2169
Graph	Minimum Spanning Tree	Standard	1208 - Oreon	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=3649
Graph	Minimum Spanning Tree	Standard	11857 - Driving Range	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=2957
Graph	Minimum Spanning Tree	Standard	1174 - IP-TV	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=3615
Graph	Minimum Spanning Tree	Standard	11733 - Airports	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=2833
Graph	Minimum Spanning Tree	Standard	11710 - Expensive subway	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=673&page=show_problem&problem=2757
Graph	Minimum Spanning Tree	Variants	10099 - The Tourist Guide	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1040
Graph	Minimum Spanning Tree	Variants	1234 - RACING	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=3675
Graph	Minimum Spanning Tree	Variants	10147 - Highways	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1088
Graph	Minimum Spanning Tree	Variants	10397 - Connect the Campus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1338
Graph	Minimum Spanning Tree	Variants	10600 - ACM Contest and Blackout	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1541
Graph	Minimum Spanning Tree	Variants	10048 - Audiophobia	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=989
Graph	Minimum Spanning Tree	Variants	10462 - Is There A Second Way Left?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1403
Graph	Minimum Spanning Tree	Variants	1216 - The Bug Sensor Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=3657
Graph	Minimum Spanning Tree	Variants	10842 - Traffic Flow	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1783
Graph	Minimum Spanning Tree	Variants	1160 - X-Ploives	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=3601
Graph	Minimum Spanning Tree	Variants	10369 - Arctic Network	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=1310
Graph	Minimum Spanning Tree	Variants	534 - Frogger	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=475
Graph	Minimum Spanning Tree	Variants	544 - Heavy Cargo	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=674&page=show_problem&problem=485
Graph	Single-Source Shortest Paths (SSSP)	On Graph with Negative Weight Cycle: Bellman Ford's	10557 - XYZZY	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=680&page=show_problem&problem=1498
Graph	Single-Source Shortest Paths (SSSP)	On Graph with Negative Weight Cycle: Bellman Ford's	558 - Wormholes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=680&page=show_problem&problem=499
Graph	Single-Source Shortest Paths (SSSP)	On Graph with Negative Weight Cycle: Bellman Ford's	10449 - Traffic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=680&page=show_problem&problem=1390
Graph	Single-Source Shortest Paths (SSSP)	On Graph with Negative Weight Cycle: Bellman Ford's	11280 - Flying to Fredericton	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=680&page=show_problem&problem=2255
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	1148 - The mysterious X network	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=3589
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	429 - Word Transformation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=370
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	10009 - All Roads Lead Where?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=950
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	10610 - Gopher and Hawks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=1551
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	336 - A Node Too Far	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=272
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	388 - Galactic Import	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=324
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	762 - We Ship Cheap	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=703
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	383 - Shipping Routes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=319
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	10422 - Knights in FEN	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=1363
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	924 - Spreading The News	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=865
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	10653 - Bombs! NO they are Mines!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=1594
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	10959 - The Party, Part I	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=1900
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Easier	627 - The Net	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=676&page=show_problem&problem=568
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	12160 - Unlock the Lock	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=3312
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	11352 - Crazy King	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=2327
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	314 - Robot	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=250
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	11792 - Krochanska is Here!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=2892
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	11101 - Mall Mania	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=2042
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	10044 - Erdos Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=985
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	10150 - Doublets	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=1091
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	10977 - Enchanted Forest	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=1918
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	859 - Chinese Checkers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=800
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	11049 - Basic wall maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=1990
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	10067 - Playing with Wheels	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=1008
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	11624 - Fire!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=2671
Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	532 - Dungeon Master	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=473

Graph	Single-Source Shortest Paths (SSSP)	On Unweighted Graph: BFS, Harder	949 - Getaway	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=677&page=show_problem&problem=890
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Easier	1112 - Mice and Maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=678&page=show_problem&problem=3553
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Easier	10389 - Subway	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=678&page=show_problem&problem=1330
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Easier	10986 - Sending email	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=678&page=show_problem&problem=1927
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Easier	929 - Number Maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=678&page=show_problem&problem=870
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10356 - Rough Roads	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1297
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	12144 - Almost Shortest Path	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=3296
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	1202 - Finding Nemo	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=3643
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10967 - The Great Escape	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1908
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	11367 - Full Tank?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=2352
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	12047 - Highest Paid Toll	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=3198
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	11338 - Minefield	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=2313
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	11377 - Airport Setup	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=2372
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10801 - Lift Hopping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1742
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	11492 - Babel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=2487
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10187 - From Dusk Till Dawn	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1128
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10278 - Fire Station	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1219
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10603 - Fill	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1544
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	11833 - Route Change	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=2933
Graph	Single-Source Shortest Paths (SSSP)	On Weighted Graph: Dijkstra's, Harder	10166 - Travel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=679&page=show_problem&problem=1107
Graph	All-Pairs Shortest Paths	Standard	10354 - Avoiding Your Boss	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1295
Graph	All-Pairs Shortest Paths	Standard	423 - MPI Maelstrom	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=364
Graph	All-Pairs Shortest Paths	Standard	12319 - Edgetown's Traffic Jams	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=3741
Graph	All-Pairs Shortest Paths	Standard	11463 - Commandos	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=2458
Graph	All-Pairs Shortest Paths	Standard	1247 - Interstar Transport	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=3688
Graph	All-Pairs Shortest Paths	Standard	10724 - Road Construction	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1665
Graph	All-Pairs Shortest Paths	Standard	341 - Non-Stop Travel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=277
Graph	All-Pairs Shortest Paths	Standard	10171 - Meeting Prof. Miguel...	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1112
Graph	All-Pairs Shortest Paths	Standard	10793 - The Orc Attack	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1734
Graph	All-Pairs Shortest Paths	Standard	10803 - Thunder Mountain	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1744
Graph	All-Pairs Shortest Paths	Standard	11015 - 05-2 Rendezvous	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1956
Graph	All-Pairs Shortest Paths	Standard	10947 - Bear with me, again..	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1888
Graph	All-Pairs Shortest Paths	Standard	821 - Page Hopping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=762
Graph	All-Pairs Shortest Paths	Standard	10525 - New to Bangladesh?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=1466
Graph	All-Pairs Shortest Paths	Standard	1233 - USHER	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=3674
Graph	All-Pairs Shortest Paths	Standard	567 - Risk	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=682&page=show_problem&problem=508
Graph	All-Pairs Shortest Paths	Variants	869 - Airline Comparison	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=810
Graph	All-Pairs Shortest Paths	Variants	1198 - The Geodetic Set Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=3639
Graph	All-Pairs Shortest Paths	Variants	334 - Identifying Concurrent Events	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=270
Graph	All-Pairs Shortest Paths	Variants	104 - Arbitrage	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=40
Graph	All-Pairs Shortest Paths	Variants	11047 - The Scrooge Co Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=1988
Graph	All-Pairs Shortest Paths	Variants	1056 - Degrees of Separation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=3497
Graph	All-Pairs Shortest Paths	Variants	925 - No more prerequisites, please!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=866
Graph	All-Pairs Shortest Paths	Variants	125 - Numbering Paths	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=61
Graph	All-Pairs Shortest Paths	Variants	186 - Trip Routing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=122
Graph	All-Pairs Shortest Paths	Variants	436 - Arbitrage (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=377
Graph	All-Pairs Shortest Paths	Variants	274 - Cat and Mouse	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=683&page=show_problem&problem=210
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	10511 - Counselling	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=1452
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	11045 - My T-shirt suits me	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=1986
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	10779 - Collectors Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=1720
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	259 - Software Allocation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=195
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	11167 - Monkeys in the Emei Mountain	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=2108
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	11418 - Clever Naming Patterns	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=2413
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	10092 - The Problem with the Problem Setter	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=1033
Graph	Network Flow	Standard Max Flow Problem (Edmonds Karp's)	820 - Internet Bandwidth	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=685&page=show_problem&problem=761
Graph	Network Flow	Variants	12125 - March of the Penguins	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=686&page=show_problem&problem=3277
Graph	Network Flow	Variants	11506 - Angry Programmer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=686&page=show_problem&problem=2501
Graph	Network Flow	Variants	10480 - Sabotage	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=686&page=show_problem&problem=1421
Graph	Network Flow	Variants	10330 - Power Transmission	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=686&page=show_problem&problem=1271
Graph	Network Flow	Variants	11380 - Down Went The Titanic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=686&page=show_problem&problem=2375
Graph	Special Graphs (Others)	Bipartite Graph	670 - The dog task	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=611
Graph	Special Graphs (Others)	Bipartite Graph	11159 - Factors and Multiples	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=2100
Graph	Special Graphs (Others)	Bipartite Graph	10349 - Antenna Placement	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=1290
Graph	Special Graphs (Others)	Bipartite Graph	12083 - Guardian of Decency	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=3235
Graph	Special Graphs (Others)	Bipartite Graph	11138 - Nuts and Bolts	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=2079
Graph	Special Graphs (Others)	Bipartite Graph	10080 - Gopher II	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=1021

Graph	Special Graphs (Others)	Bipartite Graph	663 - Sorting Slides	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=604
Graph	Special Graphs (Others)	Bipartite Graph	11419 - SAM I AM	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=2414
Graph	Special Graphs (Others)	Bipartite Graph	12168 - Cat vs. Dog	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=3320
Graph	Special Graphs (Others)	Bipartite Graph	1194 - Machine Schedule	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=3635
Graph	Special Graphs (Others)	Bipartite Graph	753 - A Plug for UNIX	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=690&page=show_problem&problem=694
Graph	Special Graphs (Others)	Eulerian Graph	10054 - The Necklace	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=689&page=show_problem&problem=995
Graph	Special Graphs (Others)	Eulerian Graph	10129 - Play on Words	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=689&page=show_problem&problem=1070
Graph	Special Graphs (Others)	Eulerian Graph	291 - The House Of Santa Claus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=689&page=show_problem&problem=227
Graph	Special Graphs (Others)	Eulerian Graph	10203 - Snow Clearing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=689&page=show_problem&problem=1144
Graph	Special Graphs (Others)	Eulerian Graph	117 - The Postal Worker Rings Once	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=689&page=show_problem&problem=53
Graph	Special Graphs (Others)	Eulerian Graph	10596 - Morning Walk	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=689&page=show_problem&problem=1537
Graph	Special Graphs (Others)	Tree	11615 - Family Tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=2662
Graph	Special Graphs (Others)	Tree	115 - Climbing Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=51
Graph	Special Graphs (Others)	Tree	712 - 5-Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=653
Graph	Special Graphs (Others)	Tree	548 - Tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=489
Graph	Special Graphs (Others)	Tree	10459 - The Tree Root	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=1400
Graph	Special Graphs (Others)	Tree	11131 - Close Relatives	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=2072
Graph	Special Graphs (Others)	Tree	699 - The Falling Leaves	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=640
Graph	Special Graphs (Others)	Tree	839 - Not so Mobile	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=780
Graph	Special Graphs (Others)	Tree	11234 - Expressions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=2175
Graph	Special Graphs (Others)	Tree	12347 - Binary Search Tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=3769
Graph	Special Graphs (Others)	Tree	536 - Tree Recovery	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=477
Graph	Special Graphs (Others)	Tree	10701 - Pre, in and post	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=1642
Graph	Special Graphs (Others)	Tree	112 - Tree Summing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=48
Graph	Special Graphs (Others)	Tree	12186 - Another Crisis	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=3338
Graph	Special Graphs (Others)	Tree	615 - Is It A Tree?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=556
Graph	Special Graphs (Others)	Tree	122 - Trees on the level	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=58
Graph	Special Graphs (Others)	Tree	11695 - Flight Planning	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=2742
Graph	Special Graphs (Others)	Tree	10805 - Cockroach Escape Networks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=1746
Graph	Special Graphs (Others)	Tree	10308 - Roads in the North	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=688&page=show_problem&problem=1249
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	11487 - Gathering Food	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=2482
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	907 - Winterim Backpacking Trip	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=848
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	10702 - Travelling Salesman	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=1643
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	590 - Always on the run	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=531
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	11307 - Alternative Arborecence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=2282
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	910 - TV game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=851
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	10913 - Walking on a Grid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=1854
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	10201 - Adventures in Moving - Part IV	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=1142
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	10874 - Segments	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=1815
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	10681 - Teobaldo's Trip	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=1622
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	11782 - Optimal Cut	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=2882
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	11545 - Avoiding Jungle in the Dark	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=2540
Graph	Special Graph (Directed Acyclic Graph)	Converting General Graph to DAG	10543 - Traveling Politician	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=694&page=show_problem&problem=1484
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	986 - How Many?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=927
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	10401 - Injured Queen Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=1342
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	825 - Walking on the Safe Side	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=766
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	10926 - How Many Dependencies?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=1867
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	988 - Many Paths, One Destination	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=929
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	11957 - Checkers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=3108
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	11067 - Little Red Riding Hood	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=2008
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	11655 - Waterland	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=2702
Graph	Special Graph (Directed Acyclic Graph)	Counting Paths in DAG	926 - Walking Around Wisely	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=693&page=show_problem&problem=867
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	452 - Project Scheduling	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=393
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	103 - Stacking Boxes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=39
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	10350 - Liftless EME	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=1291
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	10000 - Longest Paths	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=941
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	10285 - Longest Run on a Snowboard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=1226
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	10259 - Hippiity Hopscotch	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=1200
Graph	Special Graph (Directed Acyclic Graph)	Single-Source Shortest/Longest Paths on DAG	10051 - Tower of Cubes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=692&page=show_problem&problem=992
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	12602 - Nice Licence Plates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=4280
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	11121 - Base -2	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=2062
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	10677 - Base Equality	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=1618
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	575 - Skew Binary	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=516
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	636 - Squares (III)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=577
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	11005 - Cheapest Base	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=1946
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	10931 - Parity	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=1872

Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	10093 - An Easy Problem!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=1034
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	11398 - The Base-1 Number System	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=2393
Mathematics	Ad Hoc Mathematics Problems	Base Number Variants	377 - Cowculations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=706&page=show_problem&problem=313
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	10696 - f91	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=1637
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	10170 - The Hotel with Infinite Rooms	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=1111
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	10940 - Throwing cards away II	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=1881
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	10014 - Simple calculations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=955
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	12004 - Bubble Sort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=3155
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	11202 - The least possible effort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=2143
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	12027 - Very Big Perfect Squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=3178
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	10499 - The Land of Justice	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=1440
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, easier	10751 - Chessboard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=700&page=show_problem&problem=1692
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	913 - Joana and the Odd Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=854
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10693 - Traffic Volume	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1634
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10710 - Chinese Shuffle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1651
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11393 - Tri-Isomorphism	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2388
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11298 - Dissecting a Hexagon	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2273
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11718 - Fantasy of a Summation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2765
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	651 - Deck	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=592
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10666 - The Eurocup is Here!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1607
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10509 - R U Kidding Mr. Feynman?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1450
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10882 - Koerner's Pub	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1823
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10994 - Simple Addition	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1935
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10970 - Big Chocolate	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1911
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10161 - Ant on a Chessboard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1102
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11246 - K-Multiple Free set	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2203
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	10493 - Cats, with or without Hats	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=1434
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11387 - The 3-Regular Graph	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2382
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11231 - Black and white painting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2172
Mathematics	Ad Hoc Mathematics Problems	Finding Pattern or Formula, harder	11296 - Counting Solutions to an Integral Equation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=701&page=show_problem&problem=2271
Mathematics	Ad Hoc Mathematics Problems	Grid	10233 - Dermuba Triangle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=1174
Mathematics	Ad Hoc Mathematics Problems	Grid	808 - Bee Breeding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=749
Mathematics	Ad Hoc Mathematics Problems	Grid	880 - Cantor Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=821
Mathematics	Ad Hoc Mathematics Problems	Grid	10182 - Bee Maja	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=1123
Mathematics	Ad Hoc Mathematics Problems	Grid	10642 - Can You Solve It?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=1583
Mathematics	Ad Hoc Mathematics Problems	Grid	10620 - A Flea on a Chessboard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=1561
Mathematics	Ad Hoc Mathematics Problems	Grid	10964 - Strange Planet	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=1905
Mathematics	Ad Hoc Mathematics Problems	Grid	264 - Count on Cantor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=702&page=show_problem&problem=200
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	11241 - Humidex	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=2182
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	613 - Numbers That Count	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=554
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	10137 - The Trip	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=1078
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	11526 - H(n)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=2521
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	11715 - Car	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=2762
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	12036 - Stable Grid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=3187
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	11816 - HST	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=2916
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	496 - Simply Subsets	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=437
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	11055 - Homogeneous squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=1996
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	10190 - Divide, But Not Quite Conquer!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=1131
Mathematics	Ad Hoc Mathematics Problems	Just Ad Hoc	276 - Egyptian Multiplication	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=707&page=show_problem&problem=212
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11666 - Logarithms	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=2713
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	113 - Power of Cryptography	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=49
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	474 - Heads / Tails Probability	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=415
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11714 - Blind Sorting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=2761
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	701 - The Archeologists' Dilemma	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=642
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	545 - Heads	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=486
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11384 - Help is needed for Dexter	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=2379
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	107 - The Cat in the Hat	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=43
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11636 - Hello World!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=2683
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	10916 - Factstone Benchmark	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=1857
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11556 - Best Compression Ever	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=2592
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	1185 - Big Number	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=3626
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	12416 - Excessive Space Remover	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=3847
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11847 - Cut the Silver Bar	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=2947
Mathematics	Ad Hoc Mathematics Problems	Logarithm, Exponentiation, Power	11986 - Save from Radiation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=704&page=show_problem&problem=3137
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	100 - The 3n + 1 problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=36
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	11689 - Soda Surpler	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=2736

Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	371 - Ackermann Functions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=307
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	10879 - Code Refactoring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=1820
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	382 - Perfection	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=318
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	1225 - Digit Counting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=3666
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	11313 - Gourmet Games	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=2288
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	906 - Rational Neighbor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=847
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	10783 - Odd Sum	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=1724
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	10370 - Above Average	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=1311
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	11247 - Income Tax	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=2204
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	11934 - Magic Formula	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=3085
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	12290 - Counting Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=3711
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	12527 - Different Digits	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=3972
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	11877 - The Coco-Cola Store	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=2999
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	10346 - Peter's Smokes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=1287
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	10035 - Primary Arithmetic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=976
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	11150 - Cola	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=2091
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), easier	834 - Continued Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=698&page=show_problem&problem=775
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	493 - Rational Spiral	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=434
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	616 - Coconut, Revisited	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=557
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	10025 - The ? 1 ? 2 ? ... ? n = k problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=966
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	550 - Multiplying by Rotation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=491
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	10624 - Super Number	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=1565
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	846 - Steps	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=787
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	11130 - Billiard bounces	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=2071
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	11968 - In The Airport	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=3119
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	697 - Jack and Jill	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=638
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	11254 - Consecutive Integers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=2221
Mathematics	Ad Hoc Mathematics Problems	Mathematical Simulation (Brute Force), harder	10257 - Dick and Jane	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=699&page=show_problem&problem=1198
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	694 - The Collatz Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=635
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	11660 - Look-and-Say sequences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=2707
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	11063 - B2-Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=2004
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	10930 - A-Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=1871
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	413 - Up and Down Sequences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=354
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	443 - Humble Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=384
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	962 - Taxicab Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=903
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	11028 - Sum of Product	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=1969
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	640 - Self Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=581
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	11461 - Square Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=2456
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	11970 - Lucky Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=3121
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	10006 - Carmichael Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=947
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	138 - Street Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=74
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	974 - Kaprekar Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=915
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	10049 - Self-describing Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=990
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	136 - Ugly Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=72
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	10042 - Smith Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=983
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	10408 - Farey sequences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=1349
Mathematics	Ad Hoc Mathematics Problems	Number Systems or Sequences	10101 - Bangla Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=703&page=show_problem&problem=1042
Mathematics	Ad Hoc Mathematics Problems	Polynomial	498 - Polly the Polynomial	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=439
Mathematics	Ad Hoc Mathematics Problems	Polynomial	10302 - Summation of Polynomials	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=1243
Mathematics	Ad Hoc Mathematics Problems	Polynomial	10586 - Polynomial Remains	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=1527
Mathematics	Ad Hoc Mathematics Problems	Polynomial	126 - The Errant Physicist	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=62
Mathematics	Ad Hoc Mathematics Problems	Polynomial	10719 - Quotient Polynomial	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=1660
Mathematics	Ad Hoc Mathematics Problems	Polynomial	11692 - Rain Fall	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=2739
Mathematics	Ad Hoc Mathematics Problems	Polynomial	392 - Polynomial Showdown	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=328
Mathematics	Ad Hoc Mathematics Problems	Polynomial	10326 - The Polynomial Equation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=1267
Mathematics	Ad Hoc Mathematics Problems	Polynomial	10268 - 498-bis	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=1209
Mathematics	Ad Hoc Mathematics Problems	Polynomial	10215 - The Largest/Smallest Box ...	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=705&page=show_problem&problem=1156
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	11805 - Bafana Bafana	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=2905
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	12149 - Feynman	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=3301
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	10071 - Back to High School Physics	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=1012
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	11723 - Numbering Roads	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=2823
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	11614 - Etruscan Warriors Never Play Chess	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=2661
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	12502 - Three Families	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=3946
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	10773 - Back to Intermediate Math	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=1714
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	10281 - Average Speed	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=1222
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	11875 - Brick Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=2986

Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	10055 - Hashmat the Brave Warrior	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=996
Mathematics	Ad Hoc Mathematics Problems	The Simpler Ones	10469 - To Carry or not to Carry	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=697&page=show_problem&problem=1410
Mathematics	Combinatorics	Binomial Coefficients	369 - Combinations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=305
Mathematics	Combinatorics	Binomial Coefficients	485 - Pascal's Triangle of Death	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=426
Mathematics	Combinatorics	Binomial Coefficients	10532 - Combination! Once Again	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=1473
Mathematics	Combinatorics	Binomial Coefficients	911 - Multinomial Coefficients	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=852
Mathematics	Combinatorics	Binomial Coefficients	10219 - Find the ways !	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=1160
Mathematics	Combinatorics	Binomial Coefficients	10541 - Stripe	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=1482
Mathematics	Combinatorics	Binomial Coefficients	11955 - Binomial Theorem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=3106
Mathematics	Combinatorics	Binomial Coefficients	10105 - Polynomial Coefficients	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=1046
Mathematics	Combinatorics	Binomial Coefficients	530 - Binomial Showdown	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=471
Mathematics	Combinatorics	Binomial Coefficients	326 - Extrapolation Using a Difference Table	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=262
Mathematics	Combinatorics	Binomial Coefficients	10375 - Choose and divide	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=715&page=show_problem&problem=1316
Mathematics	Combinatorics	Catalan Numbers	10007 - Count the Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=716&page=show_problem&problem=948
Mathematics	Combinatorics	Catalan Numbers	10312 - Expression Bracketing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=716&page=show_problem&problem=1253
Mathematics	Combinatorics	Catalan Numbers	10303 - How Many Trees?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=716&page=show_problem&problem=1244
Mathematics	Combinatorics	Catalan Numbers	10223 - How many nodes ?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=716&page=show_problem&problem=1164
Mathematics	Combinatorics	Catalan Numbers	10643 - Facing Problem With Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=716&page=show_problem&problem=1584
Mathematics	Combinatorics	Catalan Numbers	991 - Safe Salutations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=716&page=show_problem&problem=932
Mathematics	Combinatorics	Fibonacci Numbers	10689 - Yet another Number Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1630
Mathematics	Combinatorics	Fibonacci Numbers	763 - Fibinary Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=704
Mathematics	Combinatorics	Fibonacci Numbers	11000 - Bee	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1941
Mathematics	Combinatorics	Fibonacci Numbers	10497 - Sweet Child Makes Trouble	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1438
Mathematics	Combinatorics	Fibonacci Numbers	580 - Critical Mass	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=521
Mathematics	Combinatorics	Fibonacci Numbers	11089 - Fi-binary Number	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=2030
Mathematics	Combinatorics	Fibonacci Numbers	495 - Fibonacci Freeze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=436
Mathematics	Combinatorics	Fibonacci Numbers	948 - Fibonaccimal Base	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=889
Mathematics	Combinatorics	Fibonacci Numbers	10450 - World Cup Noise	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1391
Mathematics	Combinatorics	Fibonacci Numbers	10862 - Connect the Cable Wires	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1803
Mathematics	Combinatorics	Fibonacci Numbers	900 - Brick Wall Patterns	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=841
Mathematics	Combinatorics	Fibonacci Numbers	1258 - Nowhere Money	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=3699
Mathematics	Combinatorics	Fibonacci Numbers	10334 - Ray Through Glasses	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1275
Mathematics	Combinatorics	Fibonacci Numbers	11780 - Miles 2 Km	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=2880
Mathematics	Combinatorics	Fibonacci Numbers	10183 - How Many Fibs?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1124
Mathematics	Combinatorics	Fibonacci Numbers	10579 - Fibonacci Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=1520
Mathematics	Combinatorics	Fibonacci Numbers	11161 - Help My Brother (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=714&page=show_problem&problem=2102
Mathematics	Combinatorics	Other, Harder	11204 - Musical Instruments	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=2145
Mathematics	Combinatorics	Other, Harder	11554 - Hapless Hedonism	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=2549
Mathematics	Combinatorics	Other, Harder	12022 - Ordering T-shirts	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=3173
Mathematics	Combinatorics	Other, Harder	10079 - Pizza Cutting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=1020
Mathematics	Combinatorics	Other, Harder	10784 - Diagonal	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=1725
Mathematics	Combinatorics	Other, Harder	10918 - Tri Tiling	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=1859
Mathematics	Combinatorics	Other, Harder	10733 - The Colored Cubes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=1674
Mathematics	Combinatorics	Other, Harder	11270 - Tiling Dominoes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=2245
Mathematics	Combinatorics	Other, Harder	11538 - Chess Queen	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=2533
Mathematics	Combinatorics	Other, Harder	10790 - How Many Points of Intersection?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=1731
Mathematics	Combinatorics	Other, Harder	1224 - Tile Code	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=3665
Mathematics	Combinatorics	Other, Harder	11069 - A Graph Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=2010
Mathematics	Combinatorics	Other, Harder	10359 - Tiling	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=718&page=show_problem&problem=1300
Mathematics	Combinatorics	Others, Easier	11609 - Teams	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=2656
Mathematics	Combinatorics	Others, Easier	11597 - Spanning Subtree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=2644
Mathematics	Combinatorics	Others, Easier	11480 - Jimmy's Balls	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=2475
Mathematics	Combinatorics	Others, Easier	11310 - Delivery Debaacle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=2285
Mathematics	Combinatorics	Others, Easier	12463 - Little Nephew	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=3906
Mathematics	Combinatorics	Others, Easier	11115 - Uncle Jack	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=2056
Mathematics	Combinatorics	Others, Easier	11401 - Triangle Counting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=717&page=show_problem&problem=2396
Mathematics	Cycle-Finding	Standard	944 - Happy Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=885
Mathematics	Cycle-Finding	Standard	10162 - Last Digit	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=1103
Mathematics	Cycle-Finding	Standard	202 - Repeating Decimals	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=138
Mathematics	Cycle-Finding	Standard	11549 - Calculator Conundrum	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=2544
Mathematics	Cycle-Finding	Standard	10515 - Powers Et Al.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=1456
Mathematics	Cycle-Finding	Standard	10591 - Happy Number	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=1532
Mathematics	Cycle-Finding	Standard	350 - Pseudo-Random Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=286
Mathematics	Cycle-Finding	Standard	12464 - Professor Lazy, Ph.D.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=3907
Mathematics	Cycle-Finding	Standard	11634 - Generate random numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=2681
Mathematics	Cycle-Finding	Standard	11053 - Flavius Josephus Reloaded	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=1994

Mathematics	Cycle-Finding	Standard	275 - Expanding Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=211
Mathematics	Cycle-Finding	Standard	11036 - Eventually Periodic Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=733&page=show_problem&problem=1977
Mathematics	Game Theory	Standard	12469 - Stones	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=3913
Mathematics	Game Theory	Standard	11311 - Exclusively Edible	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=2286
Mathematics	Game Theory	Standard	12293 - Box Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=3714
Mathematics	Game Theory	Standard	10368 - Euclid's Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=1309
Mathematics	Game Theory	Standard	10111 - Find the Winning Move	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=1052
Mathematics	Game Theory	Standard	847 - A Multiplication Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=788
Mathematics	Game Theory	Standard	10404 - Bachtel's Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=1345
Mathematics	Game Theory	Standard	10165 - Stone Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=1106
Mathematics	Game Theory	Standard	11489 - Integer Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=2484
Mathematics	Game Theory	Standard	10578 - The Game of 31	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=735&page=show_problem&problem=1519
Mathematics	Java BigInteger Class	Basic Features	11448 - Who said crisis?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=2443
Mathematics	Java BigInteger Class	Basic Features	465 - Overflow	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=406
Mathematics	Java BigInteger Class	Basic Features	10430 - Dear GOD	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1371
Mathematics	Java BigInteger Class	Basic Features	1226 - Numerical surprises	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=3667
Mathematics	Java BigInteger Class	Basic Features	12143 - Stopping Doom's Day	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=3295
Mathematics	Java BigInteger Class	Basic Features	11664 - Langton's Ant	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=2711
Mathematics	Java BigInteger Class	Basic Features	10083 - Division	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1024
Mathematics	Java BigInteger Class	Basic Features	10519 - !! Really Strange !!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1460
Mathematics	Java BigInteger Class	Basic Features	10669 - Three powers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1610
Mathematics	Java BigInteger Class	Basic Features	748 - Exponentiation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=689
Mathematics	Java BigInteger Class	Basic Features	10013 - Super long sums	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=954
Mathematics	Java BigInteger Class	Basic Features	12459 - Bees' ancestors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=3890
Mathematics	Java BigInteger Class	Basic Features	10523 - Very Easy !!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1464
Mathematics	Java BigInteger Class	Basic Features	11830 - Contract Revision	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=2930
Mathematics	Java BigInteger Class	Basic Features	619 - Numerically Speaking	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=560
Mathematics	Java BigInteger Class	Basic Features	713 - Adding Reversed Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=654
Mathematics	Java BigInteger Class	Basic Features	10992 - The Ghost of Programmers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1933
Mathematics	Java BigInteger Class	Basic Features	10106 - Product	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1047
Mathematics	Java BigInteger Class	Basic Features	10433 - Automorphic Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1374
Mathematics	Java BigInteger Class	Basic Features	10494 - If We Were a Child Again	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1435
Mathematics	Java BigInteger Class	Basic Features	10198 - Counting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1139
Mathematics	Java BigInteger Class	Basic Features	10925 - Kralovia	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=1866
Mathematics	Java BigInteger Class	Basic Features	11879 - Multiple of 17	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=3001
Mathematics	Java BigInteger Class	Basic Features	424 - Integer Inquiry	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=709&page=show_problem&problem=365
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	389 - Basically Speaking	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=325
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	290 - Palindroms <--> smordnilaP	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=226
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	355 - The Bases Are Loaded	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=291
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	446 - Kibbles "n" Bits "n" Bits "n" Bits	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=387
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	11952 - Arithmetic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=3103
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	10551 - Basic Remains	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=1492
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	11185 - Ternary	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=2126
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	10473 - Simple Base Conversion	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=1414
Mathematics	Java BigInteger Class	Bonus Features: Base Number Conversion	343 - What Base Is This?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=710&page=show_problem&problem=279
Mathematics	Java BigInteger Class	Bonus Features: Others	10814 - Simplifying Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=712&page=show_problem&problem=1755
Mathematics	Java BigInteger Class	Bonus Features: Others	10193 - All You Need Is Love	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=712&page=show_problem&problem=1134
Mathematics	Java BigInteger Class	Bonus Features: Others	11821 - High-Precision Number	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=712&page=show_problem&problem=2921
Mathematics	Java BigInteger Class	Bonus Features: Others	10023 - Square root	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=712&page=show_problem&problem=964
Mathematics	Java BigInteger Class	Bonus Features: Others	10464 - Big Big Real Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=712&page=show_problem&problem=1405
Mathematics	Java BigInteger Class	Bonus Features: Others	1230 - MOD EX	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=712&page=show_problem&problem=3671
Mathematics	Java BigInteger Class	Bonus Features: Primality Testing	1210 - Sum of Consecutive Prime Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=711&page=show_problem&problem=3651
Mathematics	Java BigInteger Class	Bonus Features: Primality Testing	10235 - Simply Emirp	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=711&page=show_problem&problem=1176
Mathematics	Java BigInteger Class	Bonus Features: Primality Testing	960 - Gaussian Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=711&page=show_problem&problem=901
Mathematics	Java BigInteger Class	Bonus Features: Primality Testing	12542 - Prime Substring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=711&page=show_problem&problem=3987
Mathematics	Java BigInteger Class	Bonus Features: Primality Testing	11287 - Pseudoprime Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=711&page=show_problem&problem=2262
Mathematics	Java BigInteger Class	Bonus Features: Primality Testing	10924 - Prime Words	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=711&page=show_problem&problem=1865
Mathematics	Number Theory	Extended Euclid	10633 - Rare Easy Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=728&page=show_problem&problem=1574
Mathematics	Number Theory	Extended Euclid	10104 - Euclid Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=728&page=show_problem&problem=1045
Mathematics	Number Theory	Extended Euclid	10673 - Play with Floor and Ceil	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=728&page=show_problem&problem=1614
Mathematics	Number Theory	Extended Euclid	10090 - Marbles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=728&page=show_problem&problem=1031
Mathematics	Number Theory	Factorial	568 - Just the Facts	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=722&page=show_problem&problem=509
Mathematics	Number Theory	Factorial	623 - 500!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=722&page=show_problem&problem=564
Mathematics	Number Theory	Factorial	324 - Factorial Frequencies	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=722&page=show_problem&problem=260
Mathematics	Number Theory	Factorial	10338 - Mischievous Children	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=722&page=show_problem&problem=1279
Mathematics	Number Theory	Factorial	10220 - I Love Big Numbers !	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=722&page=show_problem&problem=1161

Mathematics	Number Theory	Factorial	10323 - Factorial! You Must be Kidding!!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=722&page=show_problem&problem=1264
Mathematics	Number Theory	Finding Prime Factors	11466 - Largest Prime Divisor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=723&page=show_problem&problem=2461
Mathematics	Number Theory	Finding Prime Factors	516 - Prime Land	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=723&page=show_problem&problem=457
Mathematics	Number Theory	Finding Prime Factors	10392 - Factoring Large Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=723&page=show_problem&problem=1333
Mathematics	Number Theory	Finding Prime Factors	583 - Prime Factors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=723&page=show_problem&problem=524
Mathematics	Number Theory	Functions involving Prime Factors	11064 - Number Theory	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=2005
Mathematics	Number Theory	Functions involving Prime Factors	12005 - Find Solutions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=3156
Mathematics	Number Theory	Functions involving Prime Factors	884 - Factorial Factors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=825
Mathematics	Number Theory	Functions involving Prime Factors	11728 - Alternate Task	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=2828
Mathematics	Number Theory	Functions involving Prime Factors	10958 - How Many Solutions?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=1899
Mathematics	Number Theory	Functions involving Prime Factors	11353 - A Different Kind of Sorting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=2338
Mathematics	Number Theory	Functions involving Prime Factors	10299 - Relatives	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=1240
Mathematics	Number Theory	Functions involving Prime Factors	11086 - Composite Prime	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=2027
Mathematics	Number Theory	Functions involving Prime Factors	10179 - Irreducible Basic Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=1120
Mathematics	Number Theory	Functions involving Prime Factors	1246 - Find Terrorists	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=3687
Mathematics	Number Theory	Functions involving Prime Factors	11226 - Reaching the fix-point.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=2167
Mathematics	Number Theory	Functions involving Prime Factors	10820 - Send a Table	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=1761
Mathematics	Number Theory	Functions involving Prime Factors	294 - Divisors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=725&page=show_problem&problem=230
Mathematics	Number Theory	GCD and/or LCM	10892 - LCM Cardinality	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=1833
Mathematics	Number Theory	GCD and/or LCM	11774 - Doom's Day	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=2874
Mathematics	Number Theory	GCD and/or LCM	11417 - GCD	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=2412
Mathematics	Number Theory	GCD and/or LCM	106 - Fermat vs. Pythagoras	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=42
Mathematics	Number Theory	GCD and/or LCM	408 - Uniform Generator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=349
Mathematics	Number Theory	GCD and/or LCM	11827 - Maximum GCD	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=2927
Mathematics	Number Theory	GCD and/or LCM	10407 - Simple Division	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=1348
Mathematics	Number Theory	GCD and/or LCM	412 - Pi	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=353
Mathematics	Number Theory	GCD and/or LCM	332 - Rational Numbers from Repeating Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=268
Mathematics	Number Theory	GCD and/or LCM	11388 - GCD LCM	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=721&page=show_problem&problem=2383
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Mathematics	Number Theory	Modified Sieve	10699 - Count the factors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=726&page=show_problem&problem=1640
Mathematics	Number Theory	Modified Sieve	12043 - Divisors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=726&page=show_problem&problem=3194
Mathematics	Number Theory	Modified Sieve	10990 - Another New Function	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=726&page=show_problem&problem=1931
Mathematics	Number Theory	Modified Sieve	11327 - Enumerating Rational Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=726&page=show_problem&problem=2302
Mathematics	Number Theory	Modified Sieve	10738 - Riemann vs Mertens	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=726&page=show_problem&problem=1679
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Mathematics	Number Theory	Modulo Arithmetic	10489 - Boxes of Chocolates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=1430
Mathematics	Number Theory	Modulo Arithmetic	128 - Software CRC	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=64
Mathematics	Number Theory	Modulo Arithmetic	10176 - Ocean Deep! - Make it shallow!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=1117
Mathematics	Number Theory	Modulo Arithmetic	10174 - Couple Bachelor-Spinsters Numbers.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=1115
Mathematics	Number Theory	Modulo Arithmetic	10127 - Ones	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=1068
Mathematics	Number Theory	Modulo Arithmetic	11029 - Leading and Trailing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=1970
Mathematics	Number Theory	Modulo Arithmetic	374 - Big Mod	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=727&page=show_problem&problem=310
Mathematics	Number Theory	Other Number Theory Problems	756 - Biorhythms	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=697
Mathematics	Number Theory	Other Number Theory Problems	10110 - Light, more light	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=1051
Mathematics	Number Theory	Other Number Theory Problems	547 - DDF	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=488
Mathematics	Number Theory	Other Number Theory Problems	10922 - 2 the 9s	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=1863
Mathematics	Number Theory	Other Number Theory Problems	11344 - The Huge One	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=2319
Mathematics	Number Theory	Other Number Theory Problems	11371 - Number Theory for Newbies	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=2366
Mathematics	Number Theory	Other Number Theory Problems	11042 - Complex, difficult and complicated	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=1983
Mathematics	Number Theory	Other Number Theory Problems	10929 - You can say 11	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=729&page=show_problem&problem=1870
Mathematics	Number Theory	Prime Numbers	10852 - Less Prime	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1793
Mathematics	Number Theory	Prime Numbers	10394 - Twin Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1335
Mathematics	Number Theory	Prime Numbers	10168 - Summation of Four Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1109
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Mathematics	Number Theory	Prime Numbers	914 - Jumping Champion	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=855
Mathematics	Number Theory	Prime Numbers	10948 - The primary problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1889
Mathematics	Number Theory	Prime Numbers	897 - Anagrammatic Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=838
Mathematics	Number Theory	Prime Numbers	10311 - Goldbach and Euler	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1252
Mathematics	Number Theory	Prime Numbers	11752 - The Super Powers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=2852
Mathematics	Number Theory	Prime Numbers	10140 - Prime Distance	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1081
Mathematics	Number Theory	Prime Numbers	10650 - Determine Prime	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1591
Mathematics	Number Theory	Prime Numbers	686 - Goldbach's Conjecture (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=627
Mathematics	Number Theory	Prime Numbers	10490 - Mr. Azad and his Son!!!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=1431
Mathematics	Number Theory	Prime Numbers	543 - Goldbach's Conjecture	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=720&page=show_problem&problem=484
Mathematics	Number Theory	Working with Prime Factors	11395 - Sigma Function	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=2390
Mathematics	Number Theory	Working with Prime Factors	10484 - Divisibility of Factors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1425

Mathematics	Number Theory	Working with Prime Factors	10791 - Minimum Sum LCM	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1732
Mathematics	Number Theory	Working with Prime Factors	10061 - How many zero's and how many digits ?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1002
Mathematics	Number Theory	Working with Prime Factors	10780 - Again Prime? No Time.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1721
Mathematics	Number Theory	Working with Prime Factors	993 - Product of digits	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=934
Mathematics	Number Theory	Working with Prime Factors	10139 - Factovisors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1080
Mathematics	Number Theory	Working with Prime Factors	10680 - LCM	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1621
Mathematics	Number Theory	Working with Prime Factors	11347 - Multifactorials	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=2322
Mathematics	Number Theory	Working with Prime Factors	11889 - Benefit	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=2989
Mathematics	Number Theory	Working with Prime Factors	10527 - Persistent Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1468
Mathematics	Number Theory	Working with Prime Factors	10622 - Perfect P-th Powers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=1563
Mathematics	Number Theory	Working with Prime Factors	160 - Factors and Factorials	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=724&page=show_problem&problem=96
Mathematics	Probability Theory	Standard	10056 - What is the Probability ?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=997
Mathematics	Probability Theory	Standard	11176 - Winning Streak	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=2117
Mathematics	Probability Theory	Standard	11021 - Tribles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1962
Mathematics	Probability Theory	Standard	12461 - Airplane	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=3904
Mathematics	Probability Theory	Standard	10777 - God! Save me	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1718
Mathematics	Probability Theory	Standard	11500 - Vampires	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=2495
Mathematics	Probability Theory	Standard	11346 - Probability	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=2321
Mathematics	Probability Theory	Standard	10491 - Cows and Cars	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1432
Mathematics	Probability Theory	Standard	11181 - Probability Given	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=2122
Mathematics	Probability Theory	Standard	11628 - Another lottery	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=2675
Mathematics	Probability Theory	Standard	10218 - Let's Dance !!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1159
Mathematics	Probability Theory	Standard	12457 - Tennis contest	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=3888
Mathematics	Probability Theory	Standard	12114 - Bachelor Arithmetic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=3266
Mathematics	Probability Theory	Standard	10238 - Throw the Dice	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1179
Mathematics	Probability Theory	Standard	542 - France '98	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=483
Mathematics	Probability Theory	Standard	12024 - Hats	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=3175
Mathematics	Probability Theory	Standard	10328 - Coin Toss	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1269
Mathematics	Probability Theory	Standard	10759 - Dice Throwing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=731&page=show_problem&problem=1700
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	245 - Uncompress	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=181
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	865 - Substitution Cypher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=806
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	11220 - Decoding the message.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=2161
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	641 - Do the Untwist	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=582
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	492 - Pig-Latin	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=433
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	739 - Soundex Indexing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=680
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	10851 - 2D Hieroglyphs decoder	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=1792
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	11716 - Digital Fortress	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=2763
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	10878 - Decode the tape	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=1819
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	11541 - Decoding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=2536
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	11278 - One-Handed Typist	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=2253
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	444 - Encoder and Decoder	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=385
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	483 - Word Scramble	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=424
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	11787 - Numeral Hieroglyphs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=2887
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	458 - The Decoder	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=399
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	795 - Sandorf's Cipher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=736
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	10896 - Known Plaintext Attack	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=1837
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	11946 - Code Number	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=3097
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	10921 - Find the Telephone	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=1862
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	10019 - Funny Encryption Method	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=960
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	10222 - Decode the Mad man	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=1163
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Easier	306 - Cipher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=738&page=show_problem&problem=242
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	632 - Compression (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=573
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	741 - Burrows Wheeler Decoder	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=682
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	11697 - Playfair Cipher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=2744
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	850 - Crypt Kicker II	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=791
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	11385 - Da Vinci Code	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=2380
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	726 - Decode	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=667
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	468 - Key to Success	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=409
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	213 - Message Decoding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=149
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	554 - Caesar Cypher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=495
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	740 - Baudot Data Communication Code	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=681
String Processing	Ad Hoc String Processing Problems	Cipher/Encode/Encrypt/Decode/Decrypt, Harder	856 - The Vigenère Cipher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=739&page=show_problem&problem=797
String Processing	Ad Hoc String Processing Problems	Frequency Counting	902 - Password Search	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=843
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10293 - Word Length and Frequency	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1234
String Processing	Ad Hoc String Processing Problems	Frequency Counting	11577 - Letter Frequency	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=2624
String Processing	Ad Hoc String Processing Problems	Frequency Counting	11203 - Can you decide it for ME?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=2144

String Processing	Ad Hoc String Processing Problems	Frequency Counting	10062 - Tell me the frequencies!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1003
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10374 - Election	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1315
String Processing	Ad Hoc String Processing Problems	Frequency Counting	895 - Word Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=836
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10008 - What's Cryptanalysis?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=949
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10252 - Common Permutation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1193
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10420 - List of Conquests	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1361
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10789 - Prime Frequency	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1730
String Processing	Ad Hoc String Processing Problems	Frequency Counting	499 - What's The Frequency, Kenneth?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=440
String Processing	Ad Hoc String Processing Problems	Frequency Counting	10625 - GNU = GNU'sNotUnix	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=740&page=show_problem&problem=1566
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	12543 - Longest Word	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=3988
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	11148 - Moliu Fractions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=2089
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	1200 - A DP Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=3641
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	271 - Simply Syntax	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=207
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	537 - Artificial Intelligence?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=478
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	327 - Evaluating Simple C Expressions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=263
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	10906 - Strange Integration	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=1847
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	442 - Matrix Chain Multiplication	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=383
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	11878 - Homework Checker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=3000
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	486 - English-Number Translator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=427
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	391 - Mark-up	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=327
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	397 - Equation Elation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=333
String Processing	Ad Hoc String Processing Problems	Input Parsing (Non Recursive)	11357 - Ensuring Truth	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=741&page=show_problem&problem=2342
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	620 - Cellular Structure	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=561
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	464 - Sentence/Phrase Generator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=405
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	11070 - The Good Old Times	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=2011
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	10854 - Number of Paths	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=1795
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	743 - The MTM Machine	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=684
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	622 - Grammar Evaluation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=563
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	11291 - Smeech	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=2266
String Processing	Ad Hoc String Processing Problems	Input Parsing (Recursive)	384 - Slurpys	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=742&page=show_problem&problem=320
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	941 - Permutations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=882
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10197 - Learning Portuguese	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1138
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	11962 - DNA II	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=3113
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	11483 - Code Creator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=2478
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10391 - Compound Words	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1332
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	1215 - String Cutting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=3656
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	12414 - Calculating Yuan Fen	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=3845
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	263 - Number Chains	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=199
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10508 - Word Morphing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1449
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	1239 - Greatest K-Palindrome Substring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=3680
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10393 - The One-Handed Typist	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1334
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10679 - I Love Strings!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1620
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	12243 - Flowers Flourish from France	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=3395
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10115 - Automatic Editing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1056
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10361 - Automatic Poetry	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1302
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	153 - Permalax	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=89
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	892 - Finding words	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=833
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	10126 - Zipf's Law	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=1067
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	11452 - Dancing the Cheeky-Cheeky	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=2447
String Processing	Ad Hoc String Processing Problems	Just Ad Hoc	11839 - Optical Reader	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=746&page=show_problem&problem=2939
String Processing	Ad Hoc String Processing Problems	Output Formatting	1219 - Team Arrangement	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=3660
String Processing	Ad Hoc String Processing Problems	Output Formatting	10500 - Robot maps	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=1441
String Processing	Ad Hoc String Processing Problems	Output Formatting	110 - Meta-Loopless Sorts	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=46
String Processing	Ad Hoc String Processing Problems	Output Formatting	570 - Stats	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=511
String Processing	Ad Hoc String Processing Problems	Output Formatting	11965 - Extra Spaces	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=3116
String Processing	Ad Hoc String Processing Problems	Output Formatting	320 - Border	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=256
String Processing	Ad Hoc String Processing Problems	Output Formatting	338 - Long Multiplication	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=274
String Processing	Ad Hoc String Processing Problems	Output Formatting	10800 - Not That Kind of Graph	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=1741
String Processing	Ad Hoc String Processing Problems	Output Formatting	373 - Romulan Spelling	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=309
String Processing	Ad Hoc String Processing Problems	Output Formatting	890 - Maze (II)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=831
String Processing	Ad Hoc String Processing Problems	Output Formatting	159 - Word Crosses	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=95
String Processing	Ad Hoc String Processing Problems	Output Formatting	10894 - Save Hridoy	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=1835
String Processing	Ad Hoc String Processing Problems	Output Formatting	12364 - In Braille	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=3786
String Processing	Ad Hoc String Processing Problems	Output Formatting	445 - Marvelous Mazes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=386
String Processing	Ad Hoc String Processing Problems	Output Formatting	490 - Rotating Sentences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=431
String Processing	Ad Hoc String Processing Problems	Output Formatting	10761 - Broken Keyboard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=1702

String Processing	Ad Hoc String Processing Problems	Output Formatting	645 - File Mapping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=586
String Processing	Ad Hoc String Processing Problems	Output Formatting	11482 - Building a Triangular Museum	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=2477
String Processing	Ad Hoc String Processing Problems	Output Formatting	330 - Inventory Maintenance	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=266
String Processing	Ad Hoc String Processing Problems	Output Formatting	11074 - Draw Grid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=2015
String Processing	Ad Hoc String Processing Problems	Output Formatting	488 - Triangle Wave	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=429
String Processing	Ad Hoc String Processing Problems	Output Formatting	12155 - ASCII Diamondi	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=3307
String Processing	Ad Hoc String Processing Problems	Output Formatting	10875 - Big Math	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=1816
String Processing	Ad Hoc String Processing Problems	Output Formatting	10333 - The Tower of ASCII	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=1274
String Processing	Ad Hoc String Processing Problems	Output Formatting	426 - Fifth Bank of Swamp County	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=744&page=show_problem&problem=367
String Processing	Ad Hoc String Processing Problems	Solvable with Java String/Pattern class (Regular Expression)	494 - Kindergarten Counting Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=743&page=show_problem&problem=435
String Processing	Ad Hoc String Processing Problems	Solvable with Java String/Pattern class (Regular Expression)	325 - Identifying Legal Pascal Real Constants	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=743&page=show_problem&problem=261
String Processing	Ad Hoc String Processing Problems	Solvable with Java String/Pattern class (Regular Expression)	10058 - Jimmi's Riddles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=743&page=show_problem&problem=999
String Processing	Ad Hoc String Processing Problems	Solvable with Java String/Pattern class (Regular Expression)	576 - Haiku Review	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=743&page=show_problem&problem=517
String Processing	Ad Hoc String Processing Problems	String Comparison	11734 - Big Number of Teams will Solve This	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=2834
String Processing	Ad Hoc String Processing Problems	String Comparison	409 - Excuses, Excuses!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=350
String Processing	Ad Hoc String Processing Problems	String Comparison	11056 - Formula 1	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=1997
String Processing	Ad Hoc String Processing Problems	String Comparison	11048 - Automatic Correction of Misspellings	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=1989
String Processing	Ad Hoc String Processing Problems	String Comparison	11233 - Deli Deli	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=2174
String Processing	Ad Hoc String Processing Problems	String Comparison	644 - Immediate Decodability	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=585
String Processing	Ad Hoc String Processing Problems	String Comparison	671 - Spell checker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=612
String Processing	Ad Hoc String Processing Problems	String Comparison	912 - Live From Mars	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=853
String Processing	Ad Hoc String Processing Problems	String Comparison	11713 - Abstract Names	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=745&page=show_problem&problem=2760
String Processing	String Matching	In 2D Grid	11283 - Playing Boggle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=749&page=show_problem&problem=2258
String Processing	String Matching	In 2D Grid	422 - Word-Search Wonder	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=749&page=show_problem&problem=363
String Processing	String Matching	In 2D Grid	604 - The Boggle Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=749&page=show_problem&problem=545
String Processing	String Matching	In 2D Grid	10010 - Where's Waldo?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=749&page=show_problem&problem=951
String Processing	String Matching	In 2D Grid	736 - Lost in Space	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=749&page=show_problem&problem=677
String Processing	String Matching	Standard	11576 - Scrolling Sign	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=2623
String Processing	String Matching	Standard	886 - Named Extension Dialing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=827
String Processing	String Matching	Standard	12467 - Secret Word	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=3911
String Processing	String Matching	Standard	455 - Periodic Strings	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=396
String Processing	String Matching	Standard	10298 - Power Strings	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=1239
String Processing	String Matching	Standard	11888 - Abnormal 89's	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=2988
String Processing	String Matching	Standard	11362 - Phone List	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=2347
String Processing	String Matching	Standard	11475 - Extend to Palindrome	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=748&page=show_problem&problem=2470
String Processing	String Processing with Dynamic Programming	Classic	10192 - Vacation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=1133
String Processing	String Processing with Dynamic Programming	Classic	10739 - String to Palindrome	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=1680
String Processing	String Processing with Dynamic Programming	Classic	10405 - Longest Common Subsequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=1346
String Processing	String Processing with Dynamic Programming	Classic	526 - String Distance and Transform Process	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=467
String Processing	String Processing with Dynamic Programming	Classic	10635 - Prince and Princess	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=1576
String Processing	String Processing with Dynamic Programming	Classic	10100 - Longest Match	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=1041
String Processing	String Processing with Dynamic Programming	Classic	531 - Compromise	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=472
String Processing	String Processing with Dynamic Programming	Classic	10066 - The Twin Towers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=1007
String Processing	String Processing with Dynamic Programming	Classic	1207 - AGTC	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=3648
String Processing	String Processing with Dynamic Programming	Classic	164 - String Computer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=751&page=show_problem&problem=100
String Processing	String Processing with Dynamic Programming	Non Classic	10453 - Make Palindrome	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=1394
String Processing	String Processing with Dynamic Programming	Non Classic	11022 - String Factoring	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=1963
String Processing	String Processing with Dynamic Programming	Non Classic	10617 - Again Palindrome	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=1558
String Processing	String Processing with Dynamic Programming	Non Classic	11552 - Fewest Flops	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=2547
String Processing	String Processing with Dynamic Programming	Non Classic	11151 - Longest Palindrome	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=2092
String Processing	String Processing with Dynamic Programming	Non Classic	257 - Palinwords	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=193
String Processing	String Processing with Dynamic Programming	Non Classic	11258 - String Partition	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=752&page=show_problem&problem=2225
String Processing	Suffix Trie, Tree, Array	Standard	11512 - GATTACA	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=754&page=show_problem&problem=2507
String Processing	Suffix Trie, Tree, Array	Standard	1254 - Top 10	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=754&page=show_problem&problem=3695
String Processing	Suffix Trie, Tree, Array	Standard	719 - Glass Beads	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=754&page=show_problem&problem=660
String Processing	Suffix Trie, Tree, Array	Standard	11107 - Life Forms	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=754&page=show_problem&problem=2048
String Processing	Suffix Trie, Tree, Array	Standard	760 - DNA Sequencing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=754&page=show_problem&problem=701
String Processing	Suffix Trie, Tree, Array	Standard	1223 - Editor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=754&page=show_problem&problem=3664
(Computational) Geometry	Basic Geometry	3D Objects	737 - Gleaming the Cubes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=761&page=show_problem&problem=678
(Computational) Geometry	Basic Geometry	3D Objects	10297 - Beavergraw	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=761&page=show_problem&problem=1238
(Computational) Geometry	Basic Geometry	3D Objects	815 - Flooded!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=761&page=show_problem&problem=756
(Computational) Geometry	Basic Geometry	Circles (only)	10209 - Is This Integration ?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1150
(Computational) Geometry	Basic Geometry	Circles (only)	10589 - Area	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1530
(Computational) Geometry	Basic Geometry	Circles (only)	1388 - Graveyard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=4134
(Computational) Geometry	Basic Geometry	Circles (only)	10573 - Geometry Paradox	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1514
(Computational) Geometry	Basic Geometry	Circles (only)	10283 - The Kissing Circles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1224

(Computational) Geometry	Basic Geometry	Circles (only)	10432 - Polygon Inside A Circle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1373
(Computational) Geometry	Basic Geometry	Circles (only)	10180 - Rope Crisis in Ropeland!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1121
(Computational) Geometry	Basic Geometry	Circles (only)	10451 - Ancient Village Sports	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1392
(Computational) Geometry	Basic Geometry	Circles (only)	10221 - Satellites	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1162
(Computational) Geometry	Basic Geometry	Circles (only)	10678 - The Grazing Cow	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1619
(Computational) Geometry	Basic Geometry	Circles (only)	10005 - Packing polygons	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=946
(Computational) Geometry	Basic Geometry	Circles (only)	12578 - 10:6:2	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=4023
(Computational) Geometry	Basic Geometry	Circles (only)	10136 - Chocolate Chip Cookies	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=759&page=show_problem&problem=1077
(Computational) Geometry	Basic Geometry	Points and Lines	378 - Intersecting Lines	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=314
(Computational) Geometry	Basic Geometry	Points and Lines	587 - There's treasure everywhere!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=528
(Computational) Geometry	Basic Geometry	Points and Lines	10902 - Pick-up Sticks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1843
(Computational) Geometry	Basic Geometry	Points and Lines	11519 - Logo 2	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=2514
(Computational) Geometry	Basic Geometry	Points and Lines	10242 - Fourth Point !!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1183
(Computational) Geometry	Basic Geometry	Points and Lines	10357 - Playball !!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1298
(Computational) Geometry	Basic Geometry	Points and Lines	11894 - Genius MJ	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=2994
(Computational) Geometry	Basic Geometry	Points and Lines	10585 - Center of symmetry	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1526
(Computational) Geometry	Basic Geometry	Points and Lines	152 - Tree's a Crowd	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=88
(Computational) Geometry	Basic Geometry	Points and Lines	1249 - Euclid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=3690
(Computational) Geometry	Basic Geometry	Points and Lines	920 - Sunny Mountains	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=861
(Computational) Geometry	Basic Geometry	Points and Lines	11068 - An Easy Task	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=2009
(Computational) Geometry	Basic Geometry	Points and Lines	837 - Light and Transparencies	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=778
(Computational) Geometry	Basic Geometry	Points and Lines	10865 - Brownie Points	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1806
(Computational) Geometry	Basic Geometry	Points and Lines	11343 - Isolated Segments	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=2318
(Computational) Geometry	Basic Geometry	Points and Lines	10466 - How Far?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1407
(Computational) Geometry	Basic Geometry	Points and Lines	10832 - Yoyodyne	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1773
(Computational) Geometry	Basic Geometry	Points and Lines	10927 - Bright Lights	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1868
(Computational) Geometry	Basic Geometry	Points and Lines	833 - Water Falls	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=774
(Computational) Geometry	Basic Geometry	Points and Lines	10250 - The Other Two Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1191
(Computational) Geometry	Basic Geometry	Points and Lines	10263 - Railway	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=1204
(Computational) Geometry	Basic Geometry	Points and Lines	11505 - Logo	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=2500
(Computational) Geometry	Basic Geometry	Points and Lines	191 - Intersection	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=757&page=show_problem&problem=127
(Computational) Geometry	Basic Geometry	Quadrilaterals	460 - Overlapping Rectangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=401
(Computational) Geometry	Basic Geometry	Quadrilaterals	11455 - Behold my quadrangle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=2450
(Computational) Geometry	Basic Geometry	Quadrilaterals	477 - Points in Figures: Rectangles and Circles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=418
(Computational) Geometry	Basic Geometry	Quadrilaterals	11800 - Determine the Shape	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=2900
(Computational) Geometry	Basic Geometry	Quadrilaterals	11207 - The easiest way	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=2148
(Computational) Geometry	Basic Geometry	Quadrilaterals	12256 - Making Quadrilaterals	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=3408
(Computational) Geometry	Basic Geometry	Quadrilaterals	155 - All Squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=91
(Computational) Geometry	Basic Geometry	Quadrilaterals	476 - Points in Figures: Rectangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=417
(Computational) Geometry	Basic Geometry	Quadrilaterals	11639 - Guard the Land	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=2686
(Computational) Geometry	Basic Geometry	Quadrilaterals	11345 - Rectangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=2320
(Computational) Geometry	Basic Geometry	Quadrilaterals	11834 - Elevator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=760&page=show_problem&problem=2934
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	190 - Circle Through Three Points	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=126
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10991 - Region	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1932
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11909 - Soya Milk	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=3060
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10347 - Medians	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1288
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10195 - The Knights Of The Round Table	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1136
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11479 - Is this the easiest problem?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2474
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11936 - The Lazy Lumberjacks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=3087
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11437 - Triangle Fun	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2432
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10577 - Bounding box	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1518
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11152 - Colourful Flowers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2093
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11326 - Laser Pointer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2301
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	375 - Inscribed Circles and Isosceles Triangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=311
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11281 - Triangular Pegs in Round Holes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2256
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11164 - Kingdom Division	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2105
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10522 - Height to Area	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1463
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10210 - Romeo and Juliet !	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1151
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10792 - The Laurel-Hardy Story	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1733
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	121 - Pipe Fitters	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=57
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10387 - Billiard	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1328
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	10286 - Trouble with a Pentagon	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=1227
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11579 - Triangle Trouble	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2626
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	438 - The Circumference of the Circle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=379
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	11854 - Egypt	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=2954
(Computational) Geometry	Basic Geometry	Triangles (plus Circles)	143 - Orchard Trees	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=758&page=show_problem&problem=79

(Computational) Geometry	Polygon	Standard	858 - Berry Picking	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=799
(Computational) Geometry	Polygon	Standard	10406 - Cutting tabletops	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=1347
(Computational) Geometry	Polygon	Standard	109 - SCUD Busters	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=45
(Computational) Geometry	Polygon	Standard	10002 - Center of Masses	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=943
(Computational) Geometry	Polygon	Standard	681 - Convex Hull Finding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=622
(Computational) Geometry	Polygon	Standard	11473 - Campus Roads	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=2468
(Computational) Geometry	Polygon	Standard	634 - Polygon	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=575
(Computational) Geometry	Polygon	Standard	11265 - The Sultan's Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=2232
(Computational) Geometry	Polygon	Standard	10060 - A hole to catch a man	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=1001
(Computational) Geometry	Polygon	Standard	218 - Moth Eradication	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=154
(Computational) Geometry	Polygon	Standard	1206 - Boundary Points	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=3647
(Computational) Geometry	Polygon	Standard	11447 - Reservoir logs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=2442
(Computational) Geometry	Polygon	Standard	10652 - Board Wrapping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=1593
(Computational) Geometry	Polygon	Standard	137 - Polygons	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=73
(Computational) Geometry	Polygon	Standard	11626 - Convex Hull	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=2673
(Computational) Geometry	Polygon	Standard	478 - Points in Figures: Rectangles, Circles, Triangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=419
(Computational) Geometry	Polygon	Standard	10112 - Myacm Triangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=1053
(Computational) Geometry	Polygon	Standard	10065 - Useless Tile Packers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=1006
(Computational) Geometry	Polygon	Standard	596 - The Incredible Hull	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=537
(Computational) Geometry	Polygon	Standard	361 - Cops and Robbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=297
(Computational) Geometry	Polygon	Standard	1111 - Trash Removal	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=3552
(Computational) Geometry	Polygon	Standard	11096 - Nails	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=763&page=show_problem&problem=2037
More Advanced Topics	More Advanced DP Techniques	DP level 2	1172 - The Bridges of Kolsberg	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=3613
More Advanced Topics	More Advanced DP Techniques	DP level 2	11088 - End up with More Teams	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=2029
More Advanced Topics	More Advanced DP Techniques	DP level 2	1211 - Atomic Car Race	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=3652
More Advanced Topics	More Advanced DP Techniques	DP level 2	10536 - Game of Euler	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1477
More Advanced Topics	More Advanced DP Techniques	DP level 2	12324 - Philip J. Fry Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=3746
More Advanced Topics	More Advanced DP Techniques	DP level 2	10651 - Pebble Solitaire	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1592
More Advanced Topics	More Advanced DP Techniques	DP level 2	10081 - Tight Words	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1022
More Advanced Topics	More Advanced DP Techniques	DP level 2	10419 - Sum-up the Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1360
More Advanced Topics	More Advanced DP Techniques	DP level 2	10898 - Combo Deal	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1839
More Advanced Topics	More Advanced DP Techniques	DP level 2	10690 - Expression Again	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1631
More Advanced Topics	More Advanced DP Techniques	DP level 2	10911 - Forming Quiz Teams	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1852
More Advanced Topics	More Advanced DP Techniques	DP level 2	11218 - KTV	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=2159
More Advanced Topics	More Advanced DP Techniques	DP level 2	10069 - Distinct Subsequences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1010
More Advanced Topics	More Advanced DP Techniques	DP level 2	10364 - Square	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=1305
More Advanced Topics	More Advanced DP Techniques	DP level 2	11832 - Account Book	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=779&page=show_problem&problem=2932
More Advanced Topics	More Advanced DP Techniques	DP level 3	10029 - Edit Step Ladders	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=970
More Advanced Topics	More Advanced DP Techniques	DP level 3	11002 - Towards Zero	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1943
More Advanced Topics	More Advanced DP Techniques	DP level 3	1244 - Palindromic paths	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=3685
More Advanced Topics	More Advanced DP Techniques	DP level 3	1238 - Free Parentheses	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=3679
More Advanced Topics	More Advanced DP Techniques	DP level 3	10032 - Tug of War	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=973
More Advanced Topics	More Advanced DP Techniques	DP level 3	11391 - Blobs in the Board	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=2386
More Advanced Topics	More Advanced DP Techniques	DP level 3	10817 - Headmaster's Headache	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1758
More Advanced Topics	More Advanced DP Techniques	DP level 3	12030 - Help the Winners	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=3181
More Advanced Topics	More Advanced DP Techniques	DP level 3	10154 - Weights and Measures	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1095
More Advanced Topics	More Advanced DP Techniques	DP level 3	10604 - Chemical Reaction	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1545
More Advanced Topics	More Advanced DP Techniques	DP level 3	11084 - Anagram Division	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=2025
More Advanced Topics	More Advanced DP Techniques	DP level 3	882 - The Mailbox Manufacturers Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=823
More Advanced Topics	More Advanced DP Techniques	DP level 3	10645 - Menu	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1586
More Advanced Topics	More Advanced DP Techniques	DP level 3	11285 - Exchange Rates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=2260
More Advanced Topics	More Advanced DP Techniques	DP level 3	607 - Scheduling Lectures	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=548
More Advanced Topics	More Advanced DP Techniques	DP level 3	1231 - ACORN	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=3672
More Advanced Topics	More Advanced DP Techniques	DP level 3	10164 - Number Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1105
More Advanced Topics	More Advanced DP Techniques	DP level 3	702 - The Vindictive Coach	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=643
More Advanced Topics	More Advanced DP Techniques	DP level 3	10271 - Chopsticks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1212
More Advanced Topics	More Advanced DP Techniques	DP level 3	10304 - Optimal Binary Search Tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1245
More Advanced Topics	More Advanced DP Techniques	DP level 3	812 - Trade on Verweggistan	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=753
More Advanced Topics	More Advanced DP Techniques	DP level 3	1240 - ICPC Team Strategy	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=3681
More Advanced Topics	More Advanced DP Techniques	DP level 3	10163 - Storage Keepers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=780&page=show_problem&problem=1104
More Advanced Topics	More Advanced DP Techniques	DP level 4	11125 - Arrange Some Marbles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=2066
More Advanced Topics	More Advanced DP Techniques	DP level 4	1252 - Twenty Questions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=3693
More Advanced Topics	More Advanced DP Techniques	DP level 4	1099 - Sharing Chocolate	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=3540
More Advanced Topics	More Advanced DP Techniques	DP level 4	11133 - Eigensequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=2074
More Advanced Topics	More Advanced DP Techniques	DP level 4	11432 - Busy Programmer	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=2427
More Advanced Topics	More Advanced DP Techniques	DP level 4	473 - Raucous Rockers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=414

More Advanced Topics	More Advanced DP Techniques	DP level 4	11472 - Beautiful Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=2467
More Advanced Topics	More Advanced DP Techniques	DP level 4	10482 - The Candyman Can	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=1423
More Advanced Topics	More Advanced DP Techniques	DP level 4	1222 - Bribing FIPA	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=3663
More Advanced Topics	More Advanced DP Techniques	DP level 4	10722 - Super Lucky Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=1663
More Advanced Topics	More Advanced DP Techniques	DP level 4	1220 - Party at Hali-Bula	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=3661
More Advanced Topics	More Advanced DP Techniques	DP level 4	10149 - Yahrtzee	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=1090
More Advanced Topics	More Advanced DP Techniques	DP level 4	10626 - Buying Coke	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=781&page=show_problem&problem=1567
More Advanced Topics	More Advanced Search Techniques	Meet in the Middle/A*/IDA*	652 - Eight	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=768&page=show_problem&problem=593
More Advanced Topics	More Advanced Search Techniques	Meet in the Middle/A*/IDA*	1217 - Route Planning	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=768&page=show_problem&problem=3658
More Advanced Topics	More Advanced Search Techniques	Meet in the Middle/A*/IDA*	11212 - Editing a Book	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=768&page=show_problem&problem=2153
More Advanced Topics	More Advanced Search Techniques	Meet in the Middle/A*/IDA*	1098 - Robots on Ice	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=768&page=show_problem&problem=3539
More Advanced Topics	More Advanced Search Techniques	Meet in the Middle/A*/IDA*	10181 - 15-Puzzle Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=768&page=show_problem&problem=1122
More Advanced Topics	More Advanced Search Techniques	Meet in the Middle/A*/IDA*	11163 - Jaguar King	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=768&page=show_problem&problem=2104
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	10890 - Maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=1831
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	711 - Dividing up	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=652
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	1052 - Bit Compressor	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=3493
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	11195 - Another n-Queen Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=2136
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	131 - The Psychic Poker Player	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=67
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	989 - Su Doku	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=930
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	10957 - So Doku Checker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=1898
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	11471 - Arrange the Tiles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=2466
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	710 - The Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=651
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	10309 - Turn the Lights Off	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=1250
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	11065 - A Gentlemen's Agreement	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=2006
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	11464 - Even Parity	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=2459
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	10318 - Security Panel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=1259
More Advanced Topics	More Advanced Search Techniques	More Challenging Backtracking Problems	11127 - Triple-Free Binary Strings	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=766&page=show_problem&problem=2068
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	10047 - The Monocycle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=988
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	11198 - Dancing Digits	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=2139
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	321 - The New Villa	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=257
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	11974 - Switch The Lights	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=3125
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	10923 - Seven Seas	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=1864
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	12135 - Switch Bulbs	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=3287
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	928 - Eternal Truths	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=869
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	11513 - 9 Puzzle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=2508
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	11329 - Curious Fleas	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=2304
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	658 - It's not a Bug, it's a Feature!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=599
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	1253 - Infected Land	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=3694
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	1251 - Repeated Substitution with Sed	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=3692
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	985 - Round and Round Maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=926
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	1057 - Routing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=3498
More Advanced Topics	More Advanced Search Techniques	More Challenging State-Space Search with BFS or Dijkstra's	10097 - The Color Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=767&page=show_problem&problem=1038
More Advanced Topics	Problem Decomposition	Three Components	1040 - The Traveling Judges Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=3481
More Advanced Topics	Problem Decomposition	Three Components	10876 - Factory Robot	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=1817
More Advanced Topics	Problem Decomposition	Three Components	1079 - A Careful Approach	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=3520
More Advanced Topics	Problem Decomposition	Three Components	1250 - Robot Challenge	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=3691
More Advanced Topics	Problem Decomposition	Three Components	10856 - Recover Factorial	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=1797
More Advanced Topics	Problem Decomposition	Three Components	11610 - Reverse Prime	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=2657
More Advanced Topics	Problem Decomposition	Three Components	1093 - Castles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=3534
More Advanced Topics	Problem Decomposition	Three Components	811 - The Fortified Forest	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=752
More Advanced Topics	Problem Decomposition	Three Components	295 - Fatman	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=777&page=show_problem&problem=231
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	1280 - Curvy Little Bottles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=3893
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10372 - Leaps Tall Buildings (in a single bound)	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1313
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	11262 - Weird Fence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=2229
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10566 - Crossed Ladders	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1507
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10606 - Opening Doors	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1547
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	714 - Copying Books	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=655
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10816 - Travel in Desert	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1757
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	11516 - WiFi	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=2511
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10668 - Expanding Rods	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1609
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10983 - Buy one, get the rest free	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1924
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	1221 - Against Mammoths	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=3662
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	11646 - Athletics Track	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=2693
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	12428 - Enemy at the Gates	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=3859
More Advanced Topics	Problem Decomposition	Two Components - Binary Search the Answer and Other	10804 - Gopher Strategy	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=770&page=show_problem&problem=1745
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	10167 - Birthday Cake	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=1108

More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	184 - Laser Lines	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=120
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	10012 - How Big Is It?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=953
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	11515 - Cranes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=2510
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	356 - Square Pegs And Round Holes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=292
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	688 - Mobile Phone Coverage	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=629
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	270 - Lining Up	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=206
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	10301 - Rings and Glue	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=1242
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	10310 - Dog and Gopher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=1251
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	201 - Squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=137
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	11227 - The silver bullet.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=2168
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	10823 - Of Circles and Squares	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=1764
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	638 - Finding Rectangles	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=579
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	142 - Mouse Clicks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=78
More Advanced Topics	Problem Decomposition	Two Components - Complete Search and Geometry	11574 - Colliding Traffic	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=775&page=show_problem&problem=2621
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	10917 - Walk Through the Forest	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=1858
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	10937 - Blackbeard the Pirate	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=1878
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	976 - Bridge Building	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=917
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	11324 - The Largest Clique	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=2299
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	11813 - Shopping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=2913
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	10944 - Nuts for nuts..	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=1885
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	11405 - Can U Win?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=2400
More Advanced Topics	Problem Decomposition	Two Components - Graph Preprocessing and DP	11693 - Speedy Escape	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=772&page=show_problem&problem=2740
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	12028 - A Gift from the Setter	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=3179
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	11105 - Semi-prime H-numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=2046
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	11408 - Count DePrimes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=2403
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	10200 - Prime Time	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=1141
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	10533 - Digit Primes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=1474
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	11491 - Erasing and Winning	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=2486
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	967 - Circular	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=908
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	10871 - Primed Subsequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=1812
More Advanced Topics	Problem Decomposition	Two Components - Involving DP 1D RSQ/RMQ	10891 - Game of Sum	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=771&page=show_problem&problem=1832
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	10307 - Killing Aliens in Borg Maze	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=1248
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	521 - Gossiping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=462
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	1039 - Simplified GSM Network	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3480
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	12070 - Invite Your Friends	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3222
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	11267 - The Hire-a-Coder Business Model	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=2234
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	11635 - Hotel booking	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=2682
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	11721 - Instant View of Big Bang	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=2768
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	273 - Jack Straws	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=209
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	1263 - Mines	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3704
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	12159 - Gun Fight	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3311
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	1243 - Polynomial-time Reductions	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3684
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	10075 - Airlines	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=1016
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	11730 - Number Transformation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=2830
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	1092 - Tracking Bio-bots	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3533
More Advanced Topics	Problem Decomposition	Two Components - Involving Graph	12101 - Prime Path	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=773&page=show_problem&problem=3253
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	11428 - Cubes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=2423
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	10539 - Almost Prime Numbers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=1480
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	11282 - Mixing Invitations	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=2257
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	10427 - Naughty Sleepy Boys	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=1368
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	10325 - The Lottery	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=1266
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	1195 - Calling Extraterrestrial Intelligence Again	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=3636
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	11415 - Count the Factorials	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=2410
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	10717 - Mint	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=1658
More Advanced Topics	Problem Decomposition	Two Components - Involving Mathematics	10637 - Coprimers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=774&page=show_problem&problem=1578
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	843 - Crypt Kicker	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=784
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	11525 - Permutation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=2520
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	11966 - Galactic Bonding	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=3117
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	10734 - Triangle Partitioning	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=1675
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	11960 - Divisor Game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=3111
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	11474 - Dying Tree	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=2469
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	11967 - Hic-Hac-Hoe	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=3118
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	12460 - Careful teacher	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=3891
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	922 - Rectangle by the Ocean	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=863
More Advanced Topics	Problem Decomposition	Two Components - Mixed with Efficient Data Structure	12318 - Digital Roulette	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=776&page=show_problem&problem=3740
Rare Topics	Rare Algorithms	Diric's Algorithm	11167 - Monkeys in the Emei Mountain	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=784&page=show_problem&problem=2108

Rare Topics	Rare Algorithms	Formulas or Theorems	10843 - Anne's game	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=1784
Rare Topics	Rare Algorithms	Formulas or Theorems	11414 - Dream	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=2409
Rare Topics	Rare Algorithms	Formulas or Theorems	10720 - Graph Construction	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=1661
Rare Topics	Rare Algorithms	Formulas or Theorems	11719 - Gridland Airports	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=2766
Rare Topics	Rare Algorithms	Formulas or Theorems	10178 - Count the Faces.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=1119
Rare Topics	Rare Algorithms	Formulas or Theorems	10088 - Trees on My Island	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=1029
Rare Topics	Rare Algorithms	Formulas or Theorems	10213 - How Many Pieces of Land ?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=785&page=show_problem&problem=1154
Rare Topics	Rare Algorithms	Gaussian Elimination	11319 - Stupid Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=786&page=show_problem&problem=2294
Rare Topics	Rare Algorithms	Great-Circle Distance	535 - Globetrotter	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=787&page=show_problem&problem=476
Rare Topics	Rare Algorithms	Great-Circle Distance	10897 - Travelling Distance	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=787&page=show_problem&problem=1838
Rare Topics	Rare Algorithms	Great-Circle Distance	10316 - Airline Hub	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=787&page=show_problem&problem=1257
Rare Topics	Rare Algorithms	Great-Circle Distance	11817 - Tunnelling the Earth	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=787&page=show_problem&problem=2917
Rare Topics	Rare Algorithms	Hopcroft Karp's Algorithm	11138 - Nuts and Bolts	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=788&page=show_problem&problem=2079
Rare Topics	Rare Algorithms	Kosaraju's Algorithm	11838 - Come and Go	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=789&page=show_problem&problem=2938
Rare Topics	Rare Algorithms	Matrix Power	12470 - Tribonacci	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=790&page=show_problem&problem=3914
Rare Topics	Rare Algorithms	Matrix Power	11486 - Finding Paths in Grid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=790&page=show_problem&problem=2481
Rare Topics	Rare Algorithms	Matrix Power	10518 - How Many Calls?	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=790&page=show_problem&problem=1459
Rare Topics	Rare Algorithms	Matrix Power	10229 - Modular Fibonacci	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=790&page=show_problem&problem=1170
Rare Topics	Rare Algorithms	Matrix Power	10870 - Recurrences	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=790&page=show_problem&problem=1811
Rare Topics	Rare Algorithms	Matrix Power	10655 - Contemplation! Algebra	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=790&page=show_problem&problem=1596
Rare Topics	Rare Algorithms	Pollard's rho Integer Factoring Algorithm	11476 - Factorizing Target Integers	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=791&page=show_problem&problem=2471
Rare Topics	Rare Algorithms	Sliding Window	1121 - Subsequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=792&page=show_problem&problem=3562
Rare Topics	Rare Algorithms	Sliding Window	11536 - Smallest Sub-Array	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=792&page=show_problem&problem=2531
Rare Topics	Rare Problems	2-SAT Problem	10319 - Manhattan	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=794&page=show_problem&problem=1260
Rare Topics	Rare Problems	Art Gallery Problem	10243 - Fire! Fire!! Fire!!!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=795&page=show_problem&problem=1184
Rare Topics	Rare Problems	Art Gallery Problem	1571 - How I Mathematician Wonder What You Are!	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=795&page=show_problem&problem=4363
Rare Topics	Rare Problems	Art Gallery Problem	1570 - Accelerator	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=795&page=show_problem&problem=4362
Rare Topics	Rare Problems	Art Gallery Problem	588 - Video Surveillance	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=795&page=show_problem&problem=529
Rare Topics	Rare Problems	Art Gallery Problem	10078 - The Art Gallery	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=795&page=show_problem&problem=1019
Rare Topics	Rare Problems	Bitonic TSP	1096 - The Islands	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=796&page=show_problem&problem=3537
Rare Topics	Rare Problems	Bitonic TSP	1347 - Tour	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=796&page=show_problem&problem=4093
Rare Topics	Rare Problems	Bracket Matching	673 - Parentheses Balance	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=797&page=show_problem&problem=614
Rare Topics	Rare Problems	Bracket Matching	11111 - Generalized Matrioshkas	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=797&page=show_problem&problem=2052
Rare Topics	Rare Problems	Bracket Matching	551 - Nesting a Bunch of Brackets	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=797&page=show_problem&problem=492
Rare Topics	Rare Problems	Chinese Postman Problem	10296 - Jogging Trails	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=798&page=show_problem&problem=1237
Rare Topics	Rare Problems	Closest Pair Problem	10245 - The Closest Pair Problem	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=799&page=show_problem&problem=1186
Rare Topics	Rare Problems	Closest Pair Problem	11378 - Bey Battle	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=799&page=show_problem&problem=2373
Rare Topics	Rare Problems	Graph Matching (non-bipartite)	11439 - Maximizing the ICPC	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=800&page=show_problem&problem=2434
Rare Topics	Rare Problems	Independent and Edge Disjoint Paths	1242 - Necklace	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=801&page=show_problem&problem=3683
Rare Topics	Rare Problems	Independent and Edge Disjoint Paths	563 - Crimewave	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=801&page=show_problem&problem=504
Rare Topics	Rare Problems	Inversion Index	612 - DNA Sorting	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=802&page=show_problem&problem=553
Rare Topics	Rare Problems	Inversion Index	299 - Train Swapping	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=802&page=show_problem&problem=235
Rare Topics	Rare Problems	Inversion Index	11495 - Bubbles and Buckets	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=802&page=show_problem&problem=2490
Rare Topics	Rare Problems	Inversion Index	11858 - Frosh Week	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=802&page=show_problem&problem=2958
Rare Topics	Rare Problems	Inversion Index	10327 - Flip Sort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=802&page=show_problem&problem=1268
Rare Topics	Rare Problems	Inversion Index	10810 - Ultra-QuickSort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=802&page=show_problem&problem=1751
Rare Topics	Rare Problems	Josephus Problem	10015 - Joseph's Cousin	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=956
Rare Topics	Rare Problems	Josephus Problem	10771 - Barbarian tribes	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=1712
Rare Topics	Rare Problems	Josephus Problem	10774 - Repeated Josephus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=1715
Rare Topics	Rare Problems	Josephus Problem	151 - Power Crisis	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=87
Rare Topics	Rare Problems	Josephus Problem	402 - M*A*S*H	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=343
Rare Topics	Rare Problems	Josephus Problem	130 - Roman Roulette	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=66
Rare Topics	Rare Problems	Josephus Problem	11351 - Last Man Standing	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=2326
Rare Topics	Rare Problems	Josephus Problem	133 - The Dole Queue	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=69
Rare Topics	Rare Problems	Josephus Problem	440 - Eny Meeny Moo	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=381
Rare Topics	Rare Problems	Josephus Problem	305 - Joseph	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=803&page=show_problem&problem=241
Rare Topics	Rare Problems	Knight Moves	11643 - Knight Tour	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=804&page=show_problem&problem=2690
Rare Topics	Rare Problems	Knight Moves	439 - Knight Moves	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=804&page=show_problem&problem=380
Rare Topics	Rare Problems	Lowest Common Ancestor	10938 - Flea circus	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=805&page=show_problem&problem=1879
Rare Topics	Rare Problems	Lowest Common Ancestor	12238 - Ants Colony	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=805&page=show_problem&problem=3390
Rare Topics	Rare Problems	Magic Square Construction (odd size)	1266 - Magic Square	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=806&page=show_problem&problem=3707
Rare Topics	Rare Problems	Matrix Chain Multiplication	348 - Optimal Array Multiplication Sequence	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=807&page=show_problem&problem=284
Rare Topics	Rare Problems	Min Cost (Max) Flow	11301 - Great Wall of China	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=808&page=show_problem&problem=2276
Rare Topics	Rare Problems	Min Cost (Max) Flow	10594 - Data Flow	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=808&page=show_problem&problem=1535
Rare Topics	Rare Problems	Min Cost (Max) Flow	10746 - Crime Wave - The Sequel	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=808&page=show_problem&problem=1687
Rare Topics	Rare Problems	Min Cost (Max) Flow	10888 - Warehouse	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=808&page=show_problem&problem=1829

Rare Topics	Rare Problems	Min Cost (Max) Flow	10806 - Dijkstra, Dijkstra.	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=808&page=show_problem&problem=1747
Rare Topics	Rare Problems	Min Path Cover on DAG	1184 - Air Raid	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=809&page=show_problem&problem=3625
Rare Topics	Rare Problems	Min Path Cover on DAG	1201 - Taxi Cab Scheme	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=809&page=show_problem&problem=3642
Rare Topics	Rare Problems	Pancake Sorting	120 - Stacks of Flapjacks	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=810&page=show_problem&problem=56
Rare Topics	Rare Problems	Postfix Calculator and Conversion	727 - Equation	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=811&page=show_problem&problem=668
Rare Topics	Rare Problems	Roman Numerals	12397 - Roman Numerals	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=812&page=show_problem&problem=3828
Rare Topics	Rare Problems	Roman Numerals	759 - The Return of the Roman Empire	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=812&page=show_problem&problem=700
Rare Topics	Rare Problems	Roman Numerals	11616 - Roman Numerals	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=812&page=show_problem&problem=2663
Rare Topics	Rare Problems	Roman Numerals	344 - Roman Digititis	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=812&page=show_problem&problem=280
Rare Topics	Rare Problems	Sorting in Linear Time	11462 - Age Sort	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=813&page=show_problem&problem=2457
Rare Topics	Rare Problems	Tower of Hanoi	10017 - The Never Ending Towers of Hanoi	https://onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&category=814&page=show_problem&problem=958