

Here are comments about some of my solved problems in Uva Online Judge (uva.onlinejudge.org) site. No solution is provided here. Just look around if you can find a clue.

Problem ID	Problem Name	Comments
371	ackerman function	another $3n+1$ problem but need to be careful for case 1 2, output should be 3 long long or unsigned long will be just fine
739	Soundex Indexing	string problem, need to be strictly careful about output
913	JoanaAndOddNumber	mathematical problem, the equation is all that is needed to be solved, you can find the last three number from any given odd number in a line. important lesson learned use long long instead of <code>_int64</code>
10079	Pizza Cutting	mathematical problem, guess in a circle how many pieces there will be if every new line crosses old lines and the pizza becomes divided into many pieces. Only a equation and tada!
340	Master-Mind	took time to understand the question. Take your time to understand the question carefully. See the output. Easy. Just need to find the strong and weak match between the secret code and all other guess case.
386	Perfect Cubes	first keep in an array all the cubes upto 200. then use brute loops to find the match
408	Uniform Generator	Use of flag. Need to test if the generated random numbers are all number one less mode
444	EncoderAndDecoder	String manipulation. Be careful about the punctuation characters.
484	TheDepartmentofRedundancyDepartment	String calculation. Two for loops brute force.

488	TriangleWave	Output related. Take care for printing new line and blank line between input/testcase
573	Snail	Whatever the fatigue level the snake always slides. And there is night and day portion in each day.
579	ClockHands	There is a great description in this problem. But what you need to do is just find the angle between the hour hand and minute hand. Remember that when minute hand moves the hour hand also moves slightly.
621	SecretResearch	Important lesson is that any string is terminated by ". And keeping this in mind this is not that tough.
694	TheCollatzSequence	Remember that neither of A or L is larger than 2147483647
10035	PrimaryArithmetic	First thing to notice that both of the number may not be equal. So need to equal them padding 0s to do make the carry operation easier.
10071	HighSchoolPhysics	Derive the equation or try to guess from the answer.
10101	BanglaNumber	Easy to imagine the number in two part then work with the separate part to determine if it is kuti lakh etc...
10170	HotelWithInfiniteRoom	Do it the easy way or number theory or quadratic equation... Note that after each day one more member adds
10189	Minesweeper	each cell has 8 adjacent cells and the logic is simple. Be careful about printing new line and spaces. There is a mistake in judge. New line after test case. Which is not mentioned in the question.
10190	Divide, But not quite conquer	Keep the sequence in an array until ≥ 1 . And check that array according to the mentioned algorithm. Notice when $m \& n < 2$ then they are boring!
10281	Average Speed	Take input as string.

10300	EcologicalPremiur	Just multiply and sum. Don't get thundered by large input!
10591	HappyNumber	Guess if the same sequence doesn't come within 10000 step then we may say that the number is Unhappy!!
10924	PrimeWords	Easy one. Done in primary stage. The prime checking was not very efficient although accepted.
10969	f91	Do just what is said!
100	3n+1 Problem	What more to say about this problem.
102	Ecological Bin Packing	First thought too complex... and only 6 cases to handle...:)
272	Tex Code	
458	Decoder	
483	Word Scramble	
575	Skew Binary	
591	Box of Bricks	
706	LCD Display	Simulation related. Don't print space after the last digits lines...?
10041	Vitos Family	
10055	Hashmat	
10082	WERTYU	
10260	Soundex	
10327	Flip Sort	
10370	Above Average	
10931	Parity	
10223	How Many Nodes	Introduction to Catalan Numbers, Easy
11223	O: Dah,dah,dah	Morse Code, String Manipulation, Succesfully used memset, 5WA due to n line
10921	Find The Telephone	Too easy string problem
10945	Mother Bear	At first I thought too much.. For odd length sentence I sorted out the middle palindrome letters such as I,A,M,O,H,U,V,W,X,Y but they just omitted the middle letter to detect the palindrome sentence. Just convert to Upper Case letters and find if matches.

895	Word Problem	Don't worry about binary searching or something else.. Just do it the most simple way...
10008	Whats Cryptanalysis	Thought need to be bubble sort or something like that.. But thanks only flag did the magic.. String problem
10062	Tell me the frequencies	String problem, no sorting, wa due to n uff
10222	DecodeTheMadMan	For Some Input the question wasn't clear. Disgusting. Else one of the easiest problem.fOOOOO
10282	Babel Fish	after 17 wa problem is accepted. Solved the problem using something like hasing...
401	Palindrome	Uff tried hard... thought of so many situations.. But omitted the single character condition.. At last accepted Thanks!!:))
160	Factorial and Fraction	function called, and prime generation problem tidddy biddy
612	DNA Sorting	solved using qsort and hashing. Quite easy. But another procedure tried was not to use any sorting but use only tree dimensional arrays
10235	Simply Emirp	Call Sieve. And be careful about the word "if it creates two different prime after reverse" them emirp
10664	The Luggage	I have done it adhoc way. Shows wa for input 3 3 3 3 2 2 2 2 2 2 2 2. But accepted:))
673	Parentheses Problem	Stack Queue type. But I solved it on the go... fast enough, string problem I think
494	KindergartenCountingGame	Really kindergarten!!
495	FibonnaciFreeze	BigNum, Addition, made bignum addition myself no algo followed yet; used index/addition as variable name and got compilation error, important lesson learned
10334	Ray Through Glasses	silly change to 495
10579	FibonnaciNumbers	same as 495

