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Minimum Vertex Cover Hi, i was solving this problem, i think i am implementing a greedy algorithm, getting WA for this solution. The solution				Follow this question By Email: You are not subscribed to this
is self explanatory, i did a dfs on the tree to calculate level of each node and then printed the minimum of total number of node of same parity(odd/even), am i right doing this?				question. subscribe me
<u>spoj</u>			asked 23 Sep '16, 20:16 3★ ashwanigautam [187] ●1 ● 11 accept rate: 0%	(you can adjust your notification settings on your profile) By RSS: Answers
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This greedy solution is wrong. For example, imagine you have vertex 1 connected with vertex 2, and vertex 1 connected with 100 other vertices and vertex 2 connected with 100 other vertices. Obviously the correct answer is 2: we only include vertex 1 and 2, but your solution would print 101. Try to think of another greedy, or a dp. link award points answered 24 Sep '16, 00:01 Stock linkret [226] *5 accept rate: 25%				Question tags: spoj ×949 pt07x ×2 question asked: 23 Sep '16, 20:16 question was seen: 788 times
thanks for	pointing that out.	last updated: 24 Sep '16, 00:43		
Let, 1) dp[i][1] = a 2) dp[i][0] = a If we put a ve node to its ch If we don't sel from this node dp[i][1] = 1 + dp[i][0] = for now we need	with the greedy method has alread inswer of the problem rooted at no inswer of the problem rooted at no inswer of the problem rooted at no item in the set then we don't need ildren leet the vertex then we need to dee to its children (for every child v of i -> sum(min(of every child v of i -> sum(dp[v][1]) minimum of dp[1][0] and dp[1][1] mentation for better understanding	JULKA Prob on SPOJ SPOJ question WA- Complica Expressions		
link award poi	ints	edited 24 Sep '16, 00:43	answered 24 Sep '16, 00:41 4* thedark [86]•2 accept rate: 9%	Spoj AMR11E code memoizat technique trouble [closed] spoj BYECAKES
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