MTH 4320 Homework 1

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1	Problem 1	
the	lution. We have a triple nested loop and for the outermost loop we run $n-1$ operation we run $n-1$ operations in the inner loop for every operation in the outer loop and . The running time is $(n-1)(n-1)(n-1) = O(n^3)$.	
2	Problem 2	
So	lution.	
3	Problem 3	
So	lution.	
4	Problem 4	
So	lution.	