
CSL 356: Analysis and Design of Algorithms

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1. Let T be an minimum spanning tree of graph G . Given a connected subgraph H of G , show that $T \cap H$ is contained in some minimum spanning tree of H .
2. Discuss Homework 1 problems.
3. Given a sorted array A containing distinct integers, you want to find if there is an index such that $A[i] = i$. Design an algorithm.