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Lecture 1Lecture questions due Sep 13, 2016 at 19:30 IST **Recitation****Problem Set 1**Homework due Sep 13, 2016 at 19:30 IST 

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True or False

(1 point possible)

In a linear program, there can be more than one optimal solution.

☒ False ☐ True

EXPLANATION

Solution

The correct answer is: True

A Linear Program can have more than one optimal solution

Example: If the objective is 0 then all feasible solutions are optimal

You have used 1 of 1 submissions

True or False II

(1/1 point)

In a linear program, the optimum value must be bounded.

☐ True

☒ False ✓

EXPLANATION

Solution

The correct answer is: False

A linear program can have an unbounded optimum value.

Example: Suppose Tom did not have any time constraints.

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