

MITx: 15.053x Optimization Methods in Business Analytics

Heli

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#### Lecture

Lecture questions due Oct 18, 2016 at 19:30 IST

#### Recitation

### **Problem Set 6**

Homework 6 due Oct 18, 2016 at 19:30 IST

Week 6 > Lecture > Convex Sets and Functions Exercise

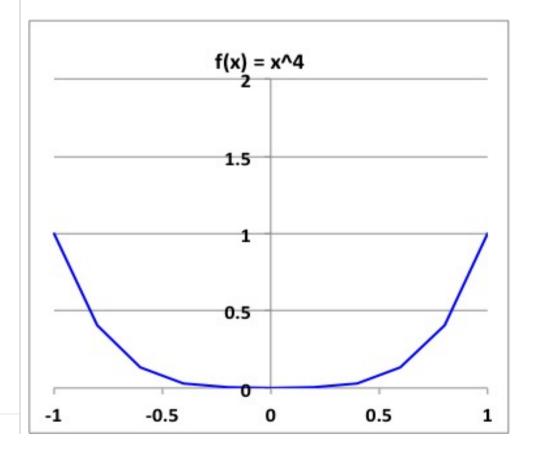
# **Convex Sets and Functions Exercise**

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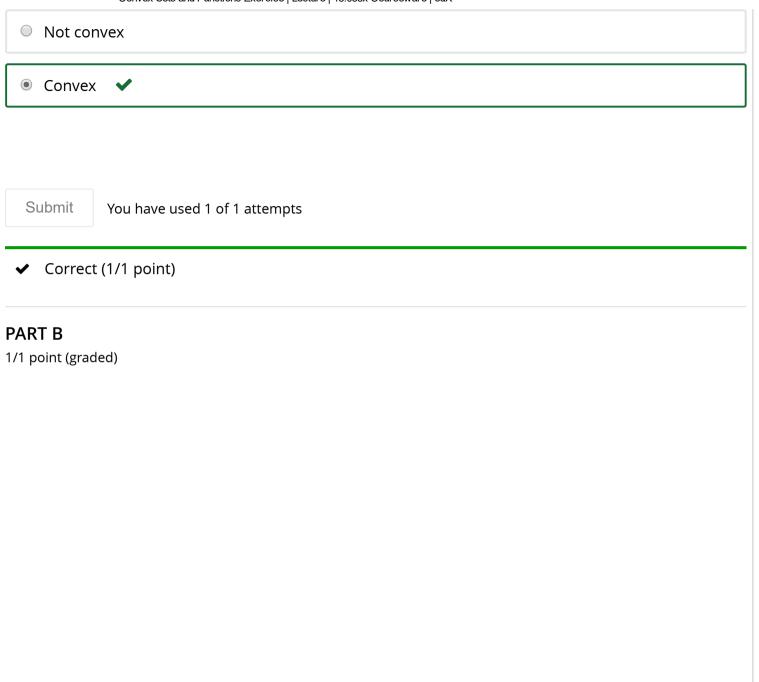
## **PART A**

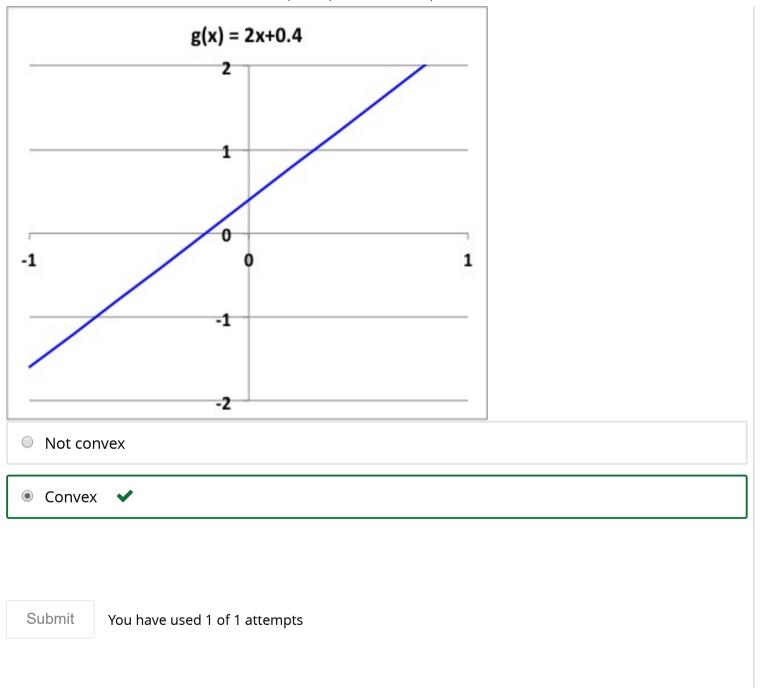
1/1 point (graded)

Decide whether each function is convex or not.

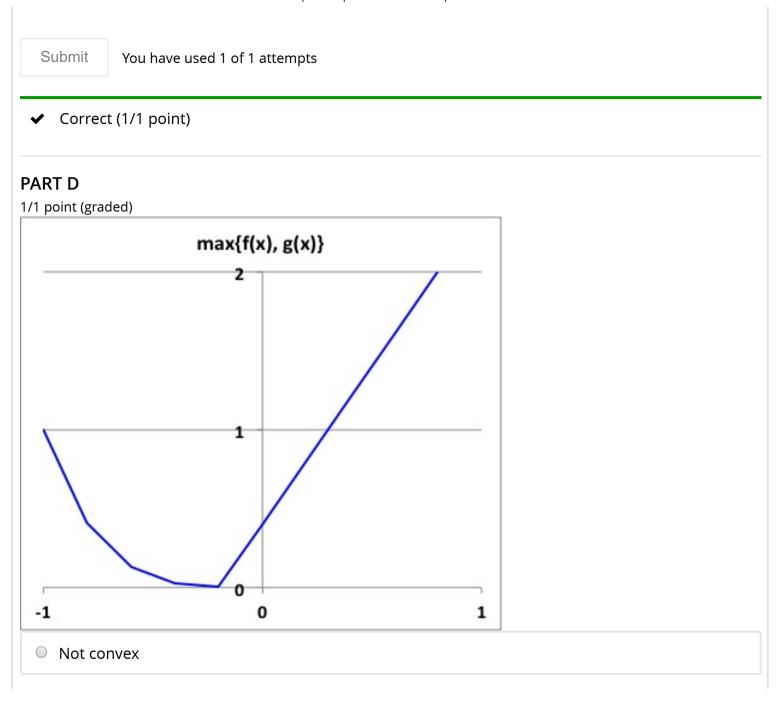


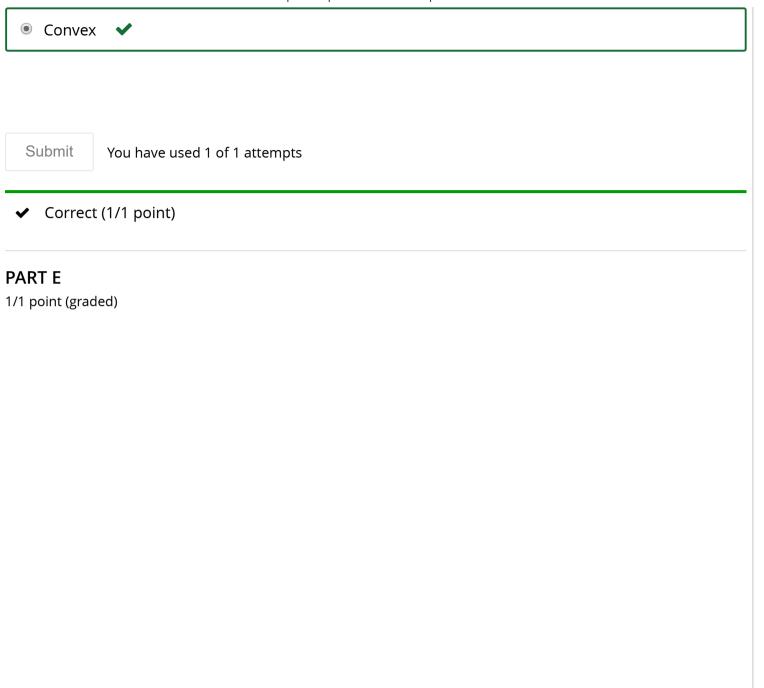
Exit Survey

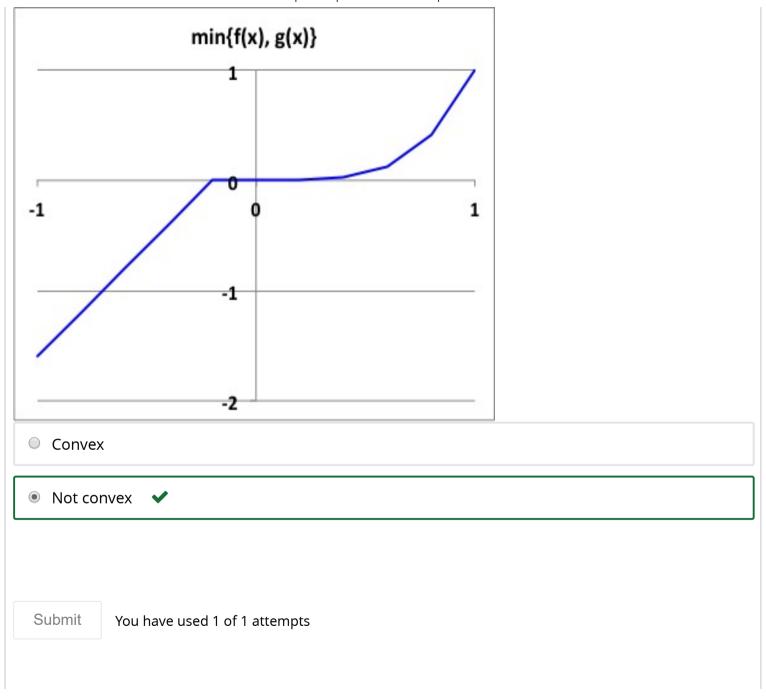




✓ Correct (1/1 point) PART C 1/1 point (graded) f(x) - g(x)/2-1 Not convex Convex









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