

Homework Assignment #8
Due: October 17, 9:30 a.m.

1. Prove that $x \log x$ is $O(x^2)$, but x^2 is not $O(x \log x)$.
2. Prove that $f(x)$ is $\Omega(g(x))$ if and only if $g(x)$ is $O(f(x))$.