HW 12

The due date for these problems is Friday, April 29.

1. Give an example of a sequence $\{a_n\}$ in $\mathbb{R}$ such that $\lim_{n\to\infty} |a_{n+1} - a_n| = 0$, but $\{a_n\}$ is not Cauchy.

2-5. Exercises 69, 70, 71 (1), 72