Problem 1. [10 points] Approximate $1/1.1$ using $T_1(x)$ for $f(x) = 1/(1 + x)$ based at $b = 0$. Find the error bound for this approximation.

Problem 2. [10 points] Approximate $1/1.1$ using $T_3(x)$ for $f(x) = 1/(1 + x)$ based at $b = 0$. Find the error bound for this approximation.