1. (25 points) Do this problem as a Good Problem.
   Section 6.4 problem 11.

2. (50 points) Section 6.4 computer problem 8.

3. (25 points) Section 6.5 problem 13. Also graph $B^2_0(x)$ on $[-1, 4]$ using
   the nodes $\{0, 1, 2, 3\}$ and then using the nodes $\{0, 1, 1.1, 3\}$. 