ASSIGNMENT 6

Due March 25, 2003

Homework 6

A census of the population of the United States is conducted every 10 years. The following table list the population, in thousands of people, from 1940 to 1990.

Year	1940	1950	1960	1970	1980	1990
Population	132,165	151,326	179,323	203,302	226,542	249,633

Use divided differences to approximate the population in the years 1930, 1965 and 2000. The numbers I found from the internet for 1930 and 2000 were 122,775 and 281,422. How close are your numbers compared with these?