CITP4350 Assignment 2

Create a class named “Taxpayer”.

* Data fields for Taxpayer class include the Social Security number (use a string for the type, but do not use dashes within the number), the yearly gross income, the tax owed, and totalTaxAmt (static variable).
* The class includes the properties with get and set for the first two data fields, but make the tax owed a read-only property. The tax should be calculated whenever the income is set. Assume the tax is 15% of income for incomes under $30,000 and 28% for incomes that are $30,000 or higher. After the tax owed is calculated, the tax owed is added into totalTaxAmt.

Write a main function that prompts user to enter the number of Taxpayer and creates a dynamic array of the Taxpayer objects. Prompt the user for data for each object and display total tax amount. After the main function, write a function that compare each object based on tax owed; then display the objects in order by the amount of tax owed. Save the program as TaxPayerDemo.cs.