ECONOMIC STATISTICS

Simple regression / Excel homework:

Using Excel, regress \( Y = \) quarterly imports in millions on \( X = \) one-quarter-lagged disposable personal income in millions and obtain the “marginal propensity to import”. For data use the Report of the Council of Economic Advisors: Table B-30 for DPI, B-103 for imports. The sample period is from 2002-I to 2004-II. Before you run the regression, you will have to: convert imports to positive numbers; make sure your DPI data is one-quarter-lagged [Imports for 2000-I is paired with DPI 1999-IV, etc.]; convert DPI data from billions to millions.

Determine:
1. Slope
2. Intercept
3. Errors
4. T-statistic
5. P-value