**MAT1372**

**Project #2**

**Due Date: Tuesday, March 4, 2014**

**Maximum points on this project: 10 points**

Submit **one** EXCEL file: FirstName LastName-Project 2-MAT1372-Sp2014

Submit by the due date to: shan@citytech.cuny.edu

To get full credits for the project, you must:

1. Turn in the project on time. One point will be deducted for “each day” (including weekends and holidays) that the project is late.
2. State the goal (or the problem) of the project.
3. State the process, including EXCEL commands used.
4. State the results.
5. P. 551, homework #11.
6. Answer a, b, c, d
7. Compute correlation coefficient. Use Excel command directly.
8. Go to DATA 🡪 Data Analysis 🡪 Correlation. Explain the correlation chart.
9. Go to DATA 🡪 Data Analysis 🡪 Descriptive Statistics. Explain the items in Column 1 and Column 2. (Pages 77 – 81 of the Statistics with Microsoft Excel text book)
10. Find two sets of data, determine the correlation coefficient and linear regression between the two sets of data. Provide an explanation of your finding.

Suggested internet resource: http://www.indexmundi.com/

For example, you find data on infant mortality rate and GDP (Gross Domestic Product) of a particular country for the same period of time (ie, 1998-2010). Compute the correlation coefficient between the two sets of data and find their linear regression.