Name:	Section
without discu may have mu and it is foun	g this home work for grading I am acknowledging that the work was completed by me assing or seeking help from others. I understand that any questions I set be directed to the course instructor. I further understand if this homework is submitted d that any of the work is not solely my own that I am in violation of the University's egrity Policy which can result in the disciplinary action outlined in it.
Signature	Date
Use excel where	e feasible. For everything else show all you work.
	m 5.42 from the book page 135. You will need to download the excel as indicated in the problem. To analyze a perform the following: (20 pts) Make a scatter plot of the data using the number of stumps as the explanatory variable.
b.	(20 pts) Find the least squares regression line.
c.	(20 pts) What is value of r ² ? What does it tell you?
d	(20 pts) In the context of the problem, what is your conclusion?

92.283 Technology Homework 2, Spring 2015 Due March 5,2015

2. The following table shows the counts for samples of American and East Asian students at a large Midwestern university and the reason they may buy from catalogs. (This data was used for the 1st homework. Using the excel file from it, the tab labeled "Shopping" has the data.)

Reason	American	Asian
Save Time	29	10
Easy	28	11
Low Price	17	34
Live Far From Stores	11	4
No Pressure to Buy	10	3
Other	20	7

a. (15 pts) Make a side by side bar chart to compare the reason for buying using a catalog for each of the groups. (hint: Convert the counts to percent for each of the groups i.e. American and Asian)

b. (10 pts)What conclusions do you have from your side by side chart?