Examples for Chapter 4 Stat286

1. Consider the example of developing a bid on contract cleaning again. This time, use the data set **cleaningwtd.txt** (from the textbook ebsite). This data contains the standard deviation of Y. Find the weighted least square estimates with weights 1/Var(Y). Find the 95% predicted intervals when the Crews = 4 and 16.
2. In a study of 27 industrial establishments of varying size, the number of supervised workers (x) and the number of supervisors (y) were recorded. The data set name is **Supervise.csv**. Study the relationship between the two variables. Try to fit the following model: .