1) The 2009 full-time occupational status for men and women is provided as 
[Problem Set 5 Excel spreadsheet](http://www2.econ.iastate.edu/classes/econ321/Orazem/)
on the Econ 321 class home page.
Download the spreadsheet and compute the distributions of men and of women across all full time jobs. The distributions should add up to 100% for each gender. Using that information:
   a) Calculate the Duncan occupational segregation index.
   b) What is the interpretation of the value?

2) (Note—you may want to use Excel for this assignment also, but it is not required)
   a) Suppose that the MRP = 20-0.5L for left-handed workers where MRP is measured in dollars per hour. L = number of left handed workers. The market wage for left-handed workers is $10/hour. What is the nondiscriminatory demand at the market wage?

   b) The employer has a taste for discrimination given by the coefficient d_i = 0.25 so that he discounts the productivity of left-handed workers. Draw the discriminatory and nondiscriminatory demand curves for this employer. If this employer had to hire left-handed workers, how many workers would he demand at the market wage for left-handed workers?

   c) Suppose the market discrimination coefficient is 0.2. How many left-handers would this employer hire?

3) Briefly explain what should happen to the magnitude of taste based wage discrimination in competitive markets when the source of discrimination is
   a) the employer;
   b) the employees; or
   c) the customer.