1. A health policy researcher is doing an ad-hoc study of gender differences in attitudes about medical confidentiality. He spends some time at a shopping mall and polls and asks individuals to rate their degree of agreement for a statement related to confidentiality using the following five-point scale:
   - Strongly disagree (1)
   - Disagree (2)
   - Neutral (3)
   - Agree (4)
   - Strongly agree (5)
Practice Problems

- Responses are coded from 1 to 5

- At the end of his tenure at the mall, this researcher has a total of 11 respondents: 6 male, 5 female

- The distribution of responses is as follows:
  - M 1 3 4 2 3 5
  - F 3 4 4 3 5
Practice Problems

- Despite the small sample size, the researchers is interested in testing for a difference in degree of agreement for males compared to females
  a) How could he do this using the ranks of the data values?
  b) Compute the average rank for each gender group