CS105 (DIC on Discrete Structures)
Exercise problem set 13

Solve the following questions on stable matchings from Douglas West's book, *Introduction to Graph Theory, 2nd Edition.*

1. Perfect matchings and vertex covers: Exercises 3.1.26, 3.1.28, 3.1.29, 3.1.31

2. Stable matchings: Exercises 3.2.3, 3.2.4, 3.2.11, 3.2.12