Answers to Even-numbered Exercises

2. Which command would you give to perform a complete upgrade??

   ```
   $ sudo aptitude full-upgrade
   ```

4. Suggest two advantages that **deb** files have over source distributions.

   Some advantages are automatic dependency resolution, faster installation, and easier deployment. Also, many software packages with complicated configuration scripts examine the local system to determine which options to compile with, so you may end up with different executables on different systems. Using distribution binary packages keeps documentation consistent with installed programs and makes it possible for developers to reproduce bugs more easily.

6. Which steps should you take before performing an upgrade on a mission-critical server?

   Perform the upgrade on an identically configured spare system and see what breaks and how to fix it. In particular, look for error messages and see what configuration information needs to be changed manually.