1. Study Section 6.3.

2. Do Problem 6.18.
    The test

    ```
    if (mpr % 2 == 1)
    ```

    checks if mpr is odd, which it is when its least significant bit is 1. You can test that bit by ANDing mpr with the mask 0x0001, which sets all the bits except the rightmost bit to zero, and then comparing the result to zero with BREQ.

    Name your program Prob0618.pep. Hand in the .pep source file electronically per the instructions for your course.

3. Do Problem 6.22.
    Name your program Prob0622.pep. Hand in the .pep source file electronically per the instructions for your course. Also resubmit your program Prob0214.c from Assignment 1. Your assembly language program Prob0622.pep must be an exact translation of your C program with symbols in assembly language corresponding to variable names in C. Input the number of disks, the source peg, and the destination peg in that order.