**Homework 2**

**Assembly Language**

1. For each of the following instructions, give the new destination contents and the new settings of CF, SF, ZF, PF, and OF. Suppose that the flags are initially 0 in each part of this question.
2. MOV AX, 4000H ; AX = 4000H
3. ADD AX, AX ; AX = 8000H
4. SUB AX, 0FFFFH ; AX = 8001H
5. NEG AX ; AX = 7FFFH
6. INC AX ; AX = 8000H