

Ahsanullah University of Science and Technology
Department of Computer Science and Engineering
Course No: CSE2214 Course Title: Assembly Language Programming Lab
Assignment 05

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.
 - 1.1. ADD AX, BX where AX contains 7FFFH and BX contains 0001H
 - 1.2. DEC AL where AL contains 00H
 - 1.3. NEG AL where AL contains 7FH
 - 1.4. XCHG AX, BX where AX contains 1ABCH and BX contains 712AH