**CS 340**

**Equation**

Write a program to evaluate the following equations as is.

1. Z = ( A - B ) \* 3 + ( D + C ) \* 2 + E2

2. Z = ( A - B ) \* 3 + ( D + C ) \* 2 - E2

where A = 30 B = 15 C = 76 D = 52 E = 6

**Restrictions:** Put #1. answer in register **ebx,** put #2. answer in register **eax** and dump the registers. The 'variables' must appear in memory locations and not hard code any numbers into your assembly statements.