

**UNIVERSITY OF CALIFORNIA, DAVIS**

EEEC70

**Department of Electrical and Computer Engineering  
Assembly Language and Computer Organization  
Program Assignment#2**

Winter 2001

**Due on Thursday, February 22 at 11:59**

**Write a program that takes an integer as a base and another integer as an exponent and computes the base to the power of the exponent. Assume the base and exponent are positive and make sure that your program works fine when the exponent is zero. Here is the sample output:**

**Enter Base: 2**

**Enter Exponent: 3**

**Result: 8**