**CMPE 230 Systems Programming**
**Homework 2** (due April 11th)

Write an A86 assembly language program for the 16-bit 8086 microprocessor  called **multiply** that will input two hexadecimal numbers which can have up to 18 hex digits  in length, multiply them and output the result in hexadecimal notation.

An example run is given below:

**>multiply**
**10**
**8123456789ABCDEF12**
**Answer is: 8123456789ABCDEF120**