**CSCI 301 Moustafa Elsayed**

**Computer Science 2**

**Summary**

The program creates a stack, then asks the user for the input. If the input is not 0 or 1, then the program calls the function “primefact()” and stores the prime factors of the input. Then using a friend function the program prints out the prime factors in the terminal in descending order.

**Discussion Question**

If we wanted to print the prime factors in ascending order then we recur the function “primefact()” before we push the prime factor into the stack.