

CSE 260M - Quiz 2

September 13, 2006

Name: _____

Student ID Number: _____

1. What range of signed numbers can be represented by a 16-bit two's complement number?

Give your answer in the form "-M to +N."

2. List the memory locations modified by the program "snippet" below when it runs, and give the final value stored in each memory location that changes.

The numerical values shown are in hexadecimal.

ACC := 0010

M[0000] := ACC

ACC := 0020

M[M[0000]] := ACC