Department of Computer Science and Engineering

LAB QUIZ 04 Spring 2023

CSE341: Microprocessors

Duration: 25 Minutes

1. The following algorithm may be used to carry out division of two positive numbers
M and N by repeated subtraction. You have to keep the quotient in AL and the remainder in AH.
Usage of "DIV" is prohibited.

Sample Input and Output 1:
Enter value of M: 8
Enter value of N: 2
Quotient: 4
Remainder: 0

Sample Input and Output 2:
Enter value of M: 9
Enter value of N: 2
Quotient: 4
Remainder: 1