



CSE341: Microprocessors
Department of Computer Science and Engineering

Assignment 04 (Lab 05)

Task 01

Write a program which takes in two numbers and finds all the numbers that are divisible by 3 within that range.

Task 02

Find the sum of the following sequence using loops print the result

a. $1 - 3 + 5 - 7 + 9 - \dots + 505$

Task 03

Take 2 numbers from the user. Print the multiplication table of the first number up to the second number (Ignore double digits).

Sample Input:

2

4

Sample Output:

2

4

6

8

Task 04

Write a program that will prompt the user to enter a hex digit character ("0" ... "9" or "A" ... "F"), display it on the next line in decimal, and ask the user if he or she wants to do it again. If the user

types "y" or "Y", the program repeats; if the user types "n" or "N" the program terminates. If the user enters an illegal character, prompt the user to try again

Sample execution:

ENTER A HEX DIGIT: 9

IN DECIMAL IT IS 9

DO YOU WANT TO DO IT AGAIN? : y

ENTER A HEX DIGIT: c

ILLEGAL CHARACTER, INSERT AGAIN: C

IN DECIMAL IT IS 12

DO YOU WANT TO DO IT AGAIN? : N