

**CSE341: Microprocessors**

**Department of Computer Science and Engineering**

**Assignment 03 (Lab 04)**

**Task 01**

Write a program which takes in 3 digits as input from the user and finds the minimum.

**Sample input:**

1st input: 8

2nd input: 4

3rd input: 9

**Sample Output:**

4

**Task 02**

Take two digits as input from the user and multiply them. If the result is divisible by 3 and 5 both, print “Divisible”. Otherwise print “Not divisible”

**Sample input:**

1st input: 5

2nd input: 6

Result is 30

**Sample Output:**

Divisible

**Sample input:**

1st input: 5

2nd input: 2

Result is 10

**Sample Output:**

Not divisible

**Task 03**

Write a program which takes in a digit from 1 to 6 where each digit represents a month in a calendar year. For example the digit 1 represents January, 2 represents February, and 3 represents March and so on. Your program should then output the total number of days in that month

**Sample input:**

4 [which represents April]

**Sample Output:**

30

**Sample input:**

2 [which represents February]

**Sample Output:**

28

**Task 04**

Write a program that takes as input the length of 4 sides of a rectangle and check whether a valid rectangle can be formed or not. If the sides form a rectangle, print “Y”, otherwise print “N”.

**Sample input:**

1st side: 6

2nd side: 7

3rd side: 6

4th side: 3

**Sample Output:**

N

**Sample input:**

1st side: 9

2nd side: 3

3rd side: 9

4th side: 3

**Sample Output:**

Y