



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 maximum

Sample input:

1st input: 4
2nd input: 7
3rd input: 3

Sample Output:

7

Task 02

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

Sample input:

1st input: 5
2nd input: 5

Result is 25

Sample Output:

Divisible

Sample input:

1st input: 10

2nd input: 6

Result is 60

Sample Output:

Not divisible

Task 03

Write a program which takes in a digit from 1 to 7 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:

7 [which represents July]

Sample Output:

31

Sample input:

2 [which represents February]

Sample Output:

28/29

Task 04

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

Sample input:

1st side: 7
2nd side: 7
3rd side: 7
4th side: 7

Sample Output:

Y

Sample input:

1st side: 7
2nd side: 8
3rd side: 9
4th side: 5

Sample Output:

N