



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: 1
2nd input: 2
3rd input: 3

Sample Output:

3

Task 02

Take two digits as input from the user and multiply them. If the result is divisible by 2 and 3 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 3 sides of a triangle and check whether a valid triangle can be formed or not. If the sides form a triangle, print “Y”, otherwise print “N”.

Sample input:

1st side: 7

2nd side: 1

3rd side: 1

Sample Output:

N

Sample input:

1st side: 7

2nd side: 8

3rd side: 9

Sample Output:

Y