

**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: 3

2nd input: 4

3rd input: 2

**Sample Output:**

4

**Task 02**

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

**Sample input:**

1st input: 2

2nd input: 9

Result is 18

**Sample Output:**

“FizzBuzz”

**Sample input:**

1st input: 4

2nd input: 2

Result is 8

**Sample Output:**

Not divisible

**Task 03**

Write a program which takes in a digit from 1 to 7 where each digit represents a day in a week. For example the digit 1 should represent Sunday, 2 should represent Monday, and 3 should represent Tuesday and so on. Your program should then output whether the day is a weekday or weekend. [Consider Friday, Saturday and Sunday to be weekends, and rest of the days as weekdays]

**Sample input:**

4 [which represents Wedndesday]

**Sample Output:**

Weekday

**Sample input:**

1 [which represents Sunday]

**Sample Output:**

Weekend

**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