**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Advanced Programming in C++**

**Lab Exercise 5.17.2023**

1. Write a C++ function to check if a given non-negative number is a multiple of 3 or 7, but not both.   
    Sample Input:  
    3  
    7  
    21  
    Sample Output:  
    true  
    true  
    false
2. Write a C++ function to compute the sum of the two given integers. If one of the given integer value is in the range 10..20 inclusive return 18.    
    Sample Input:  
    3, 7  
    10, 11  
    10, 20  
    21, 220  
    Sample Output:  
    10  
    18  
    18  
    241
3. Write a C++ function to check whether a given string starts with "F" or ends with "B". If the string starts with "F" return "Fizz" and return "Buzz" if it ends with "B" If the string starts with "F" and ends with "B" return "FizzBuzz". In other cases return the original string.   
    Sample Input:  
    "FB"

"Fsafs"

"AuzzB"

"founder"  
 Sample Output:  
 FizzBuzz  
 Fizz  
 Buzz  
 founder

1. Write a C++ function to check if two or more non-negative given integers have the same rightmost digit.   
    Sample Input:  
    11, 21, 31  
    11, 22, 31  
    11, 22, 33  
    Sample Output:  
    true  
    true  
    false
2. Write a C++ function to compute the sum of two given non-negative

integers x and y as long as the sum has the same number of digits as x. If the sum has more digits than x then return x without y.   
 Sample Input:  
 4, 5  
 7, 4  
 10, 10  
 Sample Output:  
 9  
 7  
 20