Comilla University
Department of Computer Science and Engineering
2nd Year 2nd Semester Final Examination-2019

Course Code: CSE-2209   Course Title: Java Technologies Lab

Full Marks: 30   Time: 3 Hours

(Answer the 3 (three) marked experiments)

1. Write a Java program that takes N as input and calculate:
   a. If N is prime or not
   b. Sum of digits in N
   c. Nth factorial
2. Write a Java program to find the averages of numbers provided as command line arguments.
3. Write a Java program to create a Marks2GPA class for converting subject marks to their corresponding GPA.
4. Given two interfaces RemoteLocal and RemoteForeign with following methods:
   RemoteLocal: powerON(), powerOFF()
   RemoreForeign: checkStatus()
   Write a Java program to implement them in MyRemote class.
5. Write a Java program that finds the percentages of vowels and consonants in a given string.
6. Write a java program to read numbers from a given file and find the maximum and minimum from them. Handle appropriate exception as necessary.