

University of Dhaka
Dept. of Computer Science and Engineering
2nd Year 1st Semester, Academic Year: 2021
CSE-2112: Object Oriented Programming Lab
Lab Teachers: Dr. Muhammad Ibrahim and Mr. Md. Ashraful Islam

Lab 7: File I/O, Collections Framework

Date : March 24, 2022

Solve the following problem and submit the source files **in a zipped folder**.

Submission time ends at 11.55 AM. No late submission is allowed and no penalty system exists.

1. Write a program that reads a text file of your local file system, prints it in the console, and writes it back in another file but the lines should be written in reverse order of the original file. You should use `BufferedReader`, `FileReader`, `BufferedWriter`, `FileWriter` etc.
2. Write a program that demonstrates the use of `ArrayList`. You should demonstrate how to use the list using (a) `Integer`, (b) `String`, and (c) your own class named `Point` that holds x and y coordinates of a point. Common operations like insertion, deletion, search etc. should be demonstrated in your program.

You may take help from the Internet in today's lab.