

North South University
Department of Electrical and Computer Engineering
CSE 215L: Programming Language II Lab

Lab – 14: File I/O

Objective:

- To understand File I/O

Task:

1. Write a program that takes integers from user and writes them into a file until user inputs a negative number. The program should then read the file and print sum and average of the numbers.
2. Create a Quiz class with id and mark. Now write a program that reads a file containing records of Quiz objects and initialize an array. The program should then print all the objects in the Quiz array and print the id of the student who obtained the highest mark.

Sample File:

113098 20

115089 15

345678 12

234566 18 Program

Output: ID:113098

mark:20 ID:115089

mark:15 ID:345678

mark:12 ID:234566

mark:18

Highest mark obtained by ID:113098

3. Create an Employee class with name and id.. Write 3 Employee objects to a file using serialization. Then using deserialization, read the Employee objects back from the file and print the name and id for each object.