Department of Software Engineering

## (SW-121: Object Oriented Programming)

**Lab 11:**

**Class:** K20SW (2nd Semester 1st Year)

# Understanding I/O Fundamentals

**Instructor:** Engr. Abdul Hafeez Babar

## Date: 04 August, 2021

**Time: 12:00 PM – 3:00 PM**

**Mehran University of Engineering and Technology, Shaheed**

**Zulfiqar Ali Bhutto, Campus Khairpur Mir’s**

**Name: \_Muhammad Saleem Your name: Muhammad Saleem \_\_Roll Number:\_K20SW033\_\_\_\_**

**Score: Signature: Date: 11/27/2021**

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| **Lab performance indicator** | Subject knowledge | Data analysis and interpretation | Ability to conduct experiment | Presentation | Calculation and coding | Observatio n/results | Score |
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# Labs tasks:

01: Construct java program to handle input and output file handling from a file using appropriate methods.

**Editable input:**

Import java.io.IOException;

import java.io.InputStreamReader; public class Main {

public static void main(String[] args) throws IOException {

BufferedReader reader =

new BufferedReader(new InputStreamReader(System.*in*));

System.*out*.println("Enter the input string"); String name = reader.readLine();

System.*out*.println("You entered: " + name);

}

}

**Output:**

Enter the input string SoftwareTestinHelp

you entered:SoftwareTestinHelp

02: Construct java program to create a file and write something into a file then print out the text from created file.

**Editable input:**

public class WriteToFile {

public static void main(String[] args) { try {

FileWriter myWriter = new FileWriter("filename.txt"); myWriter.write("Files in Java might be tricky, but it is fun

enough!");

myWriter.close();

System.*out*.println("Successfully wrote to the file.");

} catch (IOException e) { System.*out*.println("An error occurred."); e.printStackTrace();

}

}

**output:**

Successfully wrote to the file.