

Praktikum Sesi 11

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CSVWriter

```
//
import java.io.BufferedWriter;
import java.io.FileWriter;
import java.io.IOException;
import java.util.Scanner;

public class CSVWriter {
    public static void main(String[] args) {
        String csvFile = "C:\\Users\\Lenovo\\Documents\\Tugas Kuliah\\Semester 4\\Penrograman berorientasi objek\\new_students.csv";
        Scanner scanner = new Scanner(System.in);
        System.out.print("Masukkan nama: ");
        String nama = scanner.nextLine();

        try (BufferedWriter bw = new BufferedWriter(new FileWriter(csvFile))) {
            bw.write(nama);
            bw.newLine();
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

Output - praktikum (run)

```
run:
Masukkan nama: Livia
BUILD SUCCESSFUL (total time: 6 seconds)
```

	A	B	C	D	E	F	G	H	I	J
1	Livia									
2										
3										

CSVReader

```
Source History
import java.io.BufferedReader;
import java.io.FileReader;
import java.io.IOException;

public class CSVReader {
    public static void main(String[] args) {
        String csvFile = "C:\\Users\\Lenovo\\Documents\\Tugas Kuliah\\Semester 4\\Penrograman berorientasi objek\\students.csv";
        String line;
        String csvSplitBy = ",";
        int index = 0;
        int lineCount = 0;
        System.out.println("NIM, NAMA, UMSR, PRODI");

        try (BufferedReader br = new BufferedReader(new FileReader(csvFile))) {
            while ((line = br.readLine()) != null) {
                index++;
                if (index > 1) {
                    lineCount++;
                    String[] student = line.split(csvSplitBy);
                    System.out.println(student[0] + ", " + student[1] + ", " + student[2] + ", " + student[3]);
                }
            }
            System.out.println("Jumlah Baris = " + lineCount);
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

Output - praktikum (run)

```
run:
NIM, NAMA, UMUR, PRODI
01, Andri, 21, TI
02, Bebeb, 22, TI
03, Cica, 21, TE
04, Dedi, 22, TE
Jumlah Baris = 4
BUILD SUCCESSFUL (total time: 0 seconds)
```

MergeFile

```
import java.io.*;

public class copy {
    public static void main(String[] args) {
        String[] files = {
            "C:\\Users\\Lenovo\\Documents\\Tugas Kuliah\\Semester 4\\Pemrograman berorientasi objek\\Praktikum11.csv"
        };
        String mergeFile = "C:\\Users\\Lenovo\\Documents\\Tugas Kuliah\\Semester 4\\Pemrograman berorientasi objek\\salinan.csv";

        try (BufferedWriter bw = new BufferedWriter(new FileWriter(mergeFile))) {
            for (String file : files) {
                try (BufferedReader br = new BufferedReader(new FileReader(file))) {
                    String line;
                    while ((line = br.readLine()) != null) {
                        bw.write(line);
                        bw.newLine();
                    }
                } catch (IOException e) {
                    e.printStackTrace();
                }
            }
            System.out.println("File berhasil disalin.");
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

Output - praktikum (run)

```
run:
File berhasil disalin.
BUILD SUCCESSFUL (total time: 0 seconds)
```

