

LAPORAN TUGAS KULIAH  
PEMROGRAMAN BERORIENTASI OBYEK  
PERTEMUAN 10 MATERI CSV



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# TUGAS

## Kodingan CSV

```
private void jButtonCsvActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    //awal persistence  
    EntityManagerFactory emf = Persistence.createEntityManagerFactory("PBO10PU");  
    EntityManager em = emf.createEntityManager();  
    em.getTransaction().begin();  
    // akhir persistence  
    JFileChooser filechooser = new JFileChooser();  
  
    int i = filechooser.showOpenDialog(parent: null);  
    if (i == JFileChooser.APPROVE_OPTION) {  
        File f = filechooser.getSelectedFile();  
        String filepath = f.getPath();  
        String fi = f.getName();  
        //Parsing CSV Data  
        System.out.print( ": filepath);  
        DefaultTableModel csv_data = new DefaultTableModel();  
  
        try {  
            InputStreamReader inputStreamReader = new InputStreamReader(new FileInputStream( string: filepath));  
            org.apache.commons.csv.CSVParser csvParser = CSVFormat.DEFAULT.parse( reader: inputStreamReader);  
            for (CSVRecord csvRecord : csvParser) {  
                Buku_1 m = new Buku_1();  
                m.setIsbn( isbn: csvRecord.get( i: 0));  
                m.setJudulBuku( judulBuku: csvRecord.get( i: 1));  
                m.setTahunTerbit( tahunTerbit: csvRecord.get( i: 2));  
                m.setPenerbit( penerbit: csvRecord.get( i: 3));  
                em.persist( o: m);  
            }  
        } catch (Exception ex) {  
            System.out.println( ": "Error in Parsing CSV File");  
        }  
    }  
    em.getTransaction().commit();  
    Tampil();  
}
```

## Kodingan CSV

<https://github.com/Varatlan/PBO-10.git>

# Output

The screenshot shows the Eclipse IDE interface with the 'GUDANG BUKU' application running. The application window displays a table of book data and input fields for adding new books. The table has columns: ISBN, Judul Buku, Tahun Terbit, and Penerbit. The data rows are: 33, 33, 33, 33; 111, 333, 44, 55; 11222, 333, 44, 55. The application also has input fields for ISBN, Judul Buku, Tahun Terbit, and Penerbit, and buttons for Insert, Edit, Delete, Print, and CSV.

**GUDANG BUKU**

ISBN	Judul Buku	Tahun Terbit	Penerbit
33	33	33	33
111	333	44	55
11222	333	44	55

ISBN:  Judul Buku:  Tahun Terbit:  Penerbit:

Insert Edit Delete

Print CSV