

# Report (Laporan)



# Jaspersoft Studio


- ♦ Menggunakan Jaspersoft Studio, Anda dapat mengakses berbagai jenis sumber data, termasuk data besar, CSV, Hibernate, Jaspersoft Domain, JavaBeans, JDBC, JSON, NoSQL, Tautan Informasi TIBCO Spotfire®, XML, atau sumber data kustom Anda sendiri

# Jaspersoft Studio

❖ Download Jasper di : <https://community.jaspersoft.com/project/jaspersoft-studio>

The screenshot shows the Jaspersoft Studio project page on the Jaspersoft Community website. The page features a dark header with navigation links like JASPERSOFT.COM, SUPPORT, CONTACT, SEARCH, and LOGIN/REGISTER. Below the header, the Jaspersoft Community logo is prominent, followed by a 'Download Now' button. The main content area includes a breadcrumb trail (Home » Exchange » Jaspersoft® Studio), the product name 'Jaspersoft® Studio', and a description: 'The Eclipse-based report development tool for JasperReports and JasperReports Server'. A star rating of 4.5 (19 reviews) is displayed. A green 'Download Jaspersoft® Studio' button is located on the right. Below this, there are links for 'Browse Source Code', 'Provider: Jaspersoft Corporation', and 'License: Eclipse'. A section titled 'Issues for Jaspersoft® Studio:' shows 'All Issues: 83 open, 1620 total' and 'Bug Reports: 74 open, 1372 total'. At the bottom, there is a 'Tags' section and a 'feedback' button. A small inset image shows the Jaspersoft Studio interface with a report design.

Home » Exchange » Jaspersoft® Studio


 **Jaspersoft® Studio** ★★★★★ (19 reviews)

The Eclipse-based report development tool for JasperReports and JasperReports Server

[View](#) [Resources](#) [Answers](#) [Tracker](#) [Reviews](#) [Releases](#)

TIBCO Jaspersoft® Studio is editing software for TIBCO JasperReports®. It will help you design and run report templates; build report queries; write complex expressions; layout visual components like 50+ types of charts, maps, tables, crosstabs, and custom visualizations; and much more. It integrates TIBCO JasperReports® Server to create powerful report publishing workflows.

With Jaspersoft Studio you can build documents of any complexity from your data—from print-ready in PDFs to interactive masterpieces in dynamic HTML, with navigation to interactive components, like maps and charts that may be inside or outside the report. You can generate high quality OpenOffice, PowerPoint, RTF, Word, and spreadsheet documents or you can generate raw CSV, JSON, or XML documents. It's not difficult to build your own custom exporter to suit any data need.



**Download Jaspersoft® Studio**

[Browse Source Code](#)


Provider: [Jaspersoft Corporation](#)  
License: [Eclipse](#)

**Issues for Jaspersoft® Studio:**

All Issues:	83 open, 1620 total
Bug Reports:	74 open, 1372 total

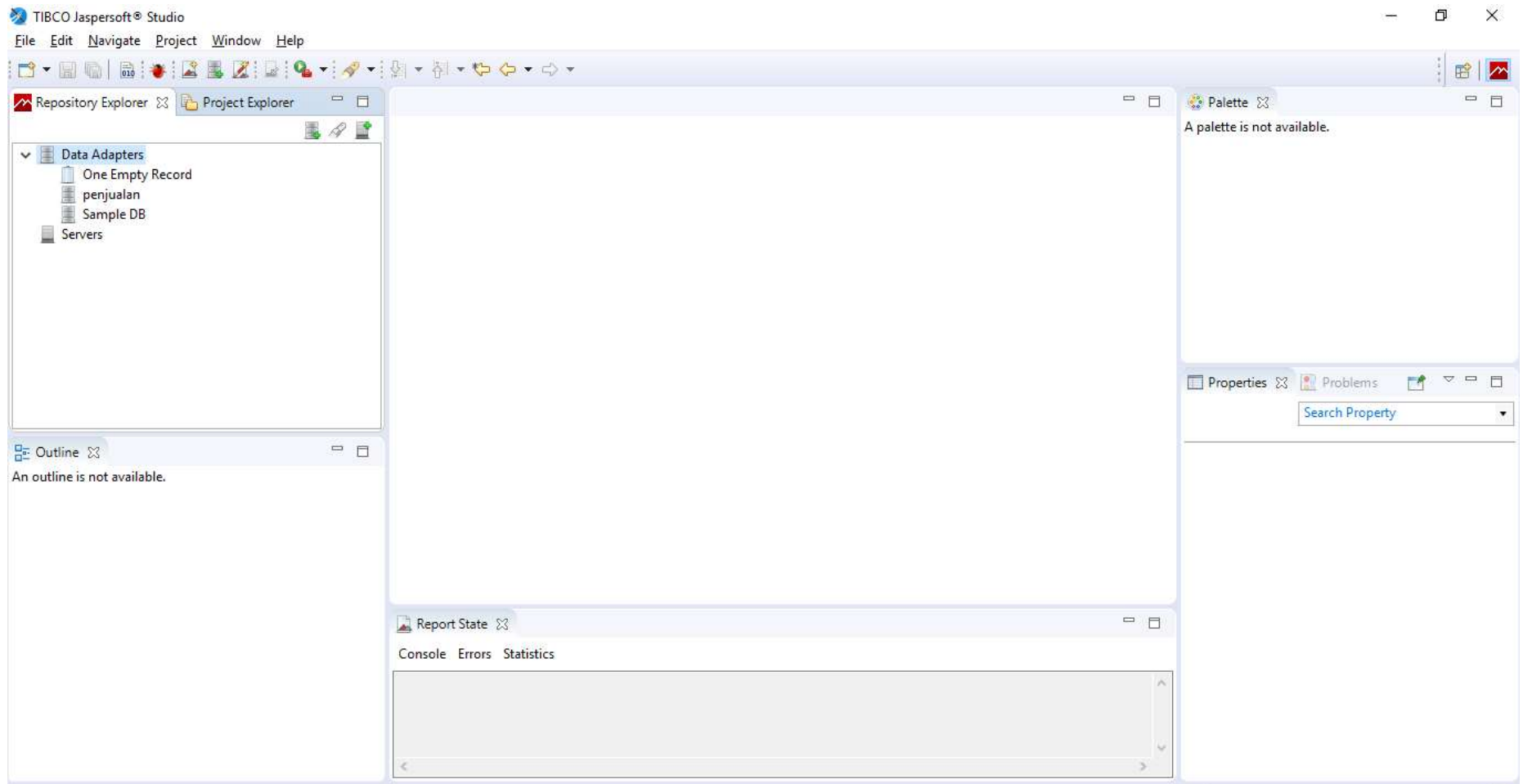
**Tags**

What are you looking to do with Jaspersoft today?

 **feedback**

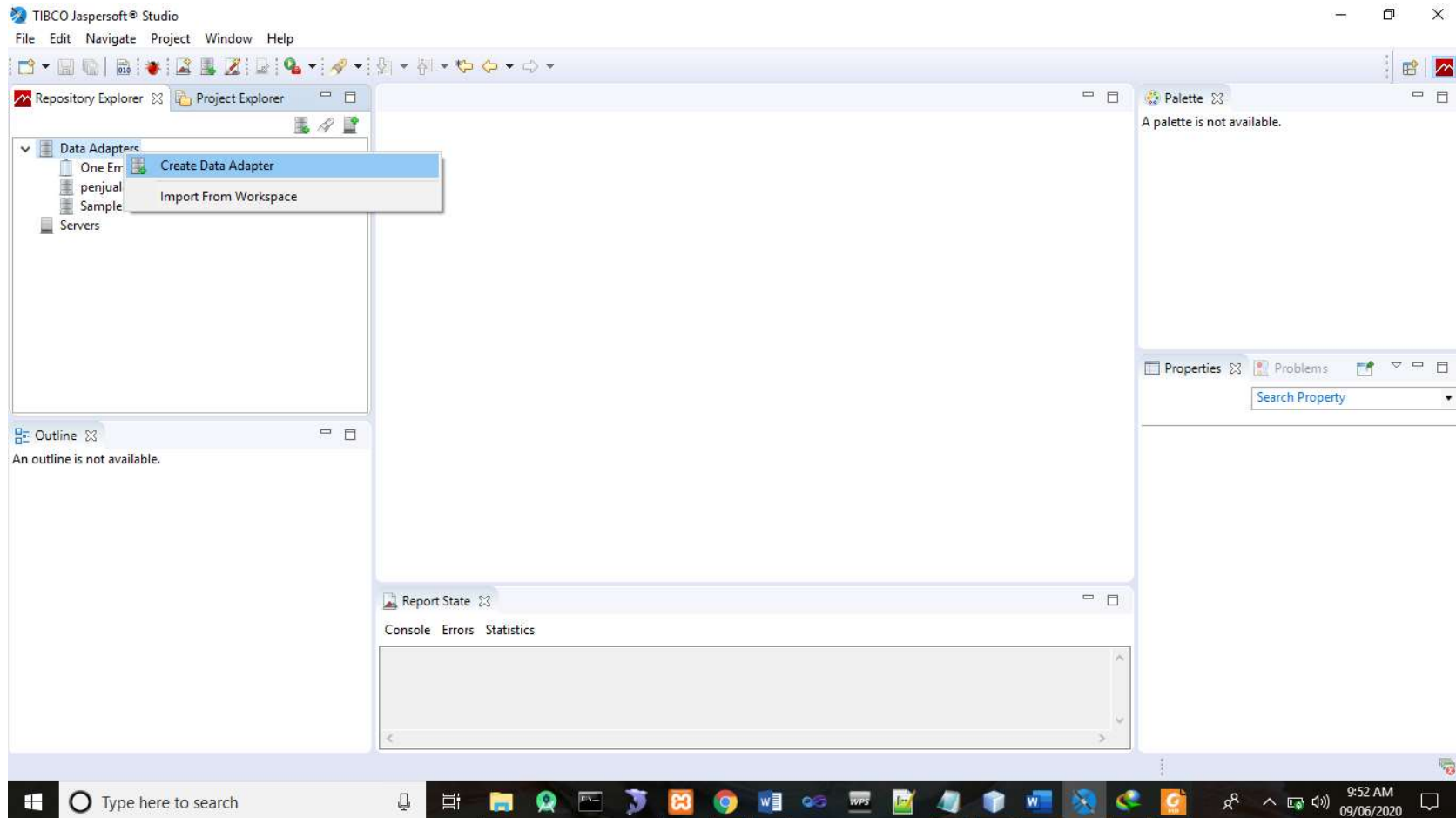
# Jaspersoft Studio

- ◇ Install
- ◇ Jalankan TIBCO Jaspersoft Studio



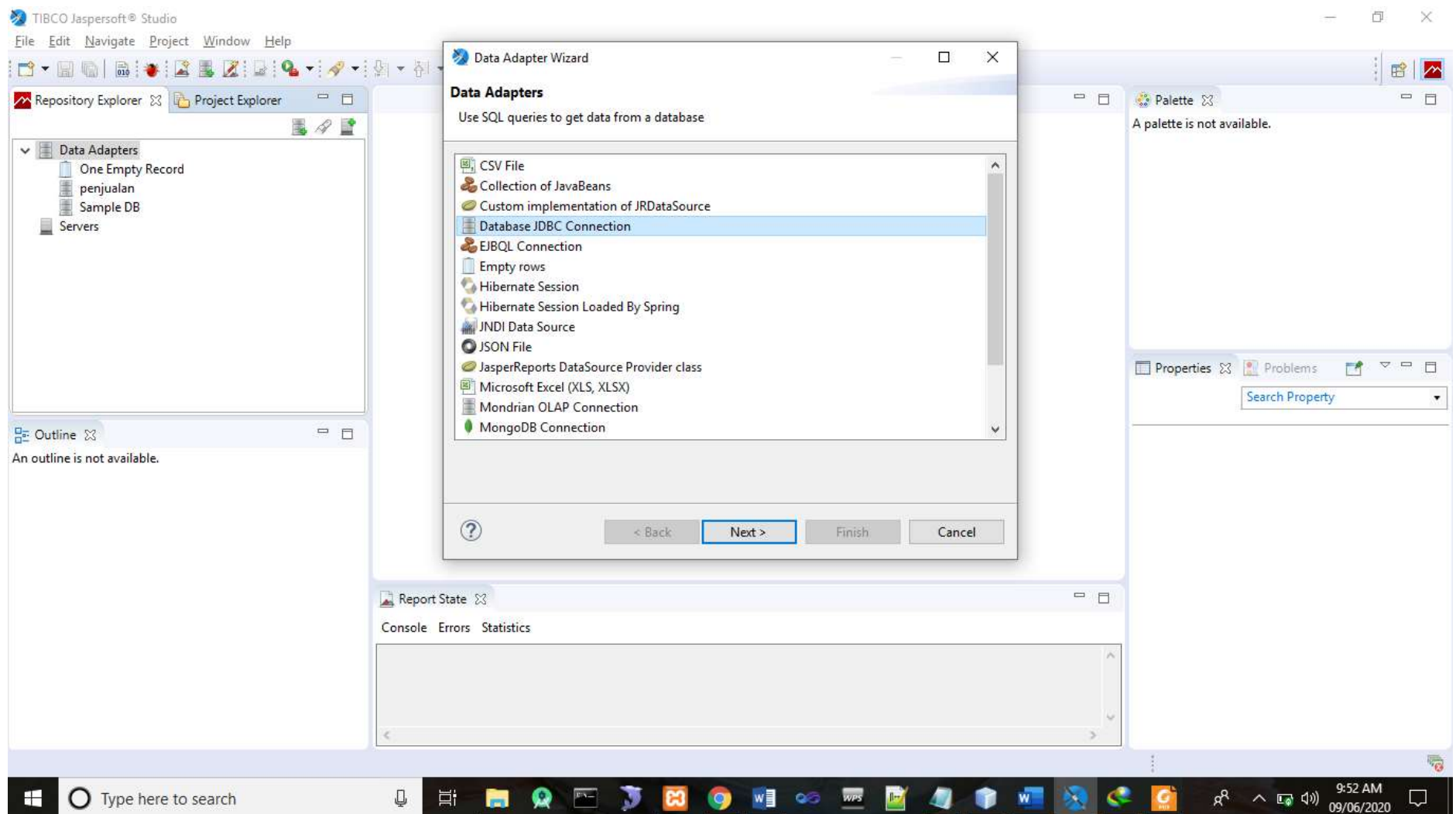
# Jaspersoft Studio

- Buat Data Adapter :
- Klik kanan data Adapter -> Create Data Adapter



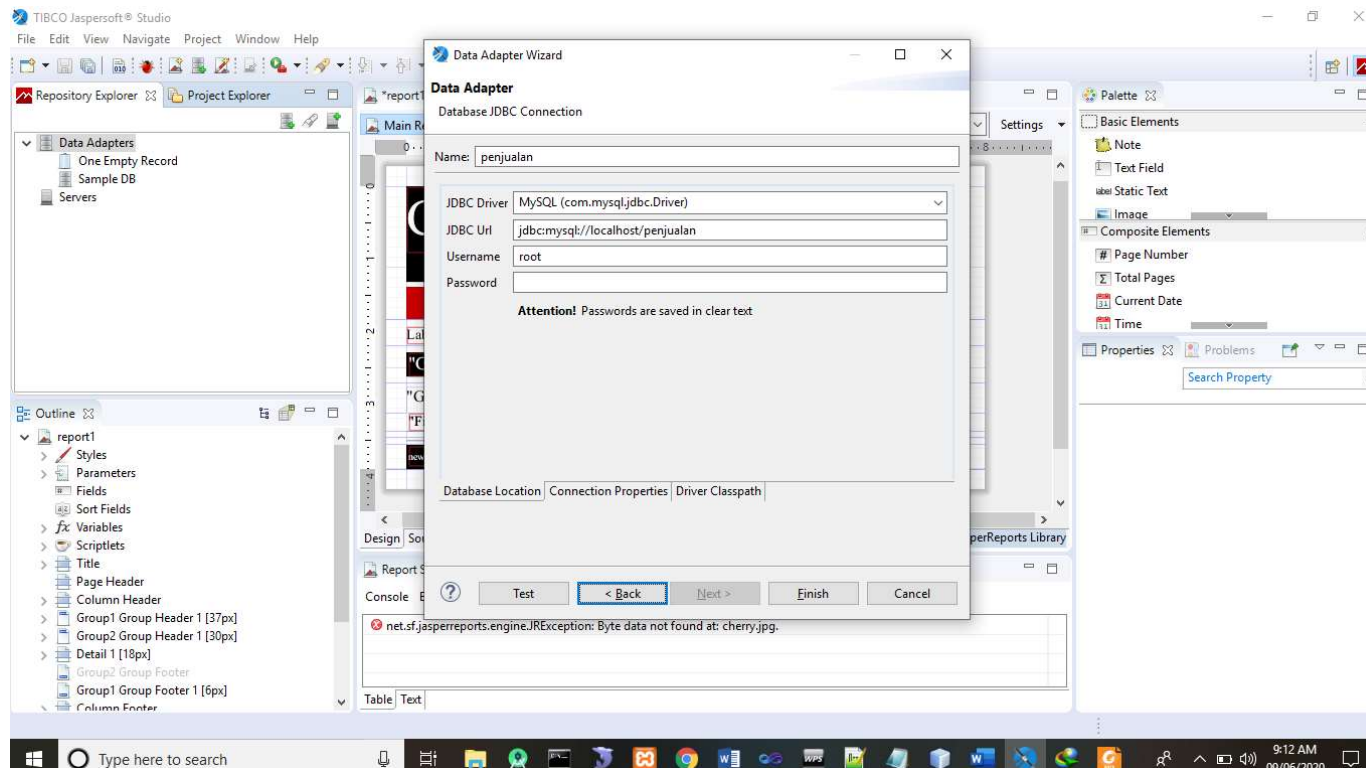
# Jaspersoft Studio

- Pilih Database JDBC Connection



# Jaspersoft Studio

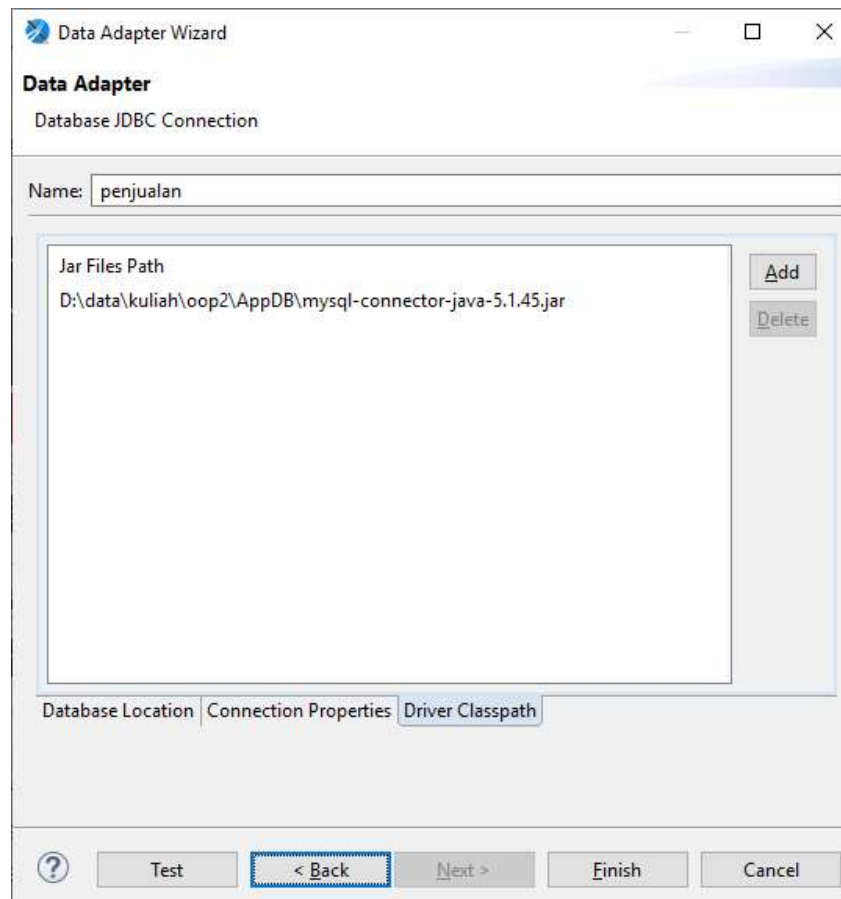
- Buat konfigurasi :
- Name : penjualan
- JDBC Driver : pilih MySQL
- JDBC URL : jdbc:mysql://localhost/penjualan
- Username : root
- Password :





# Jaspersoft Studio

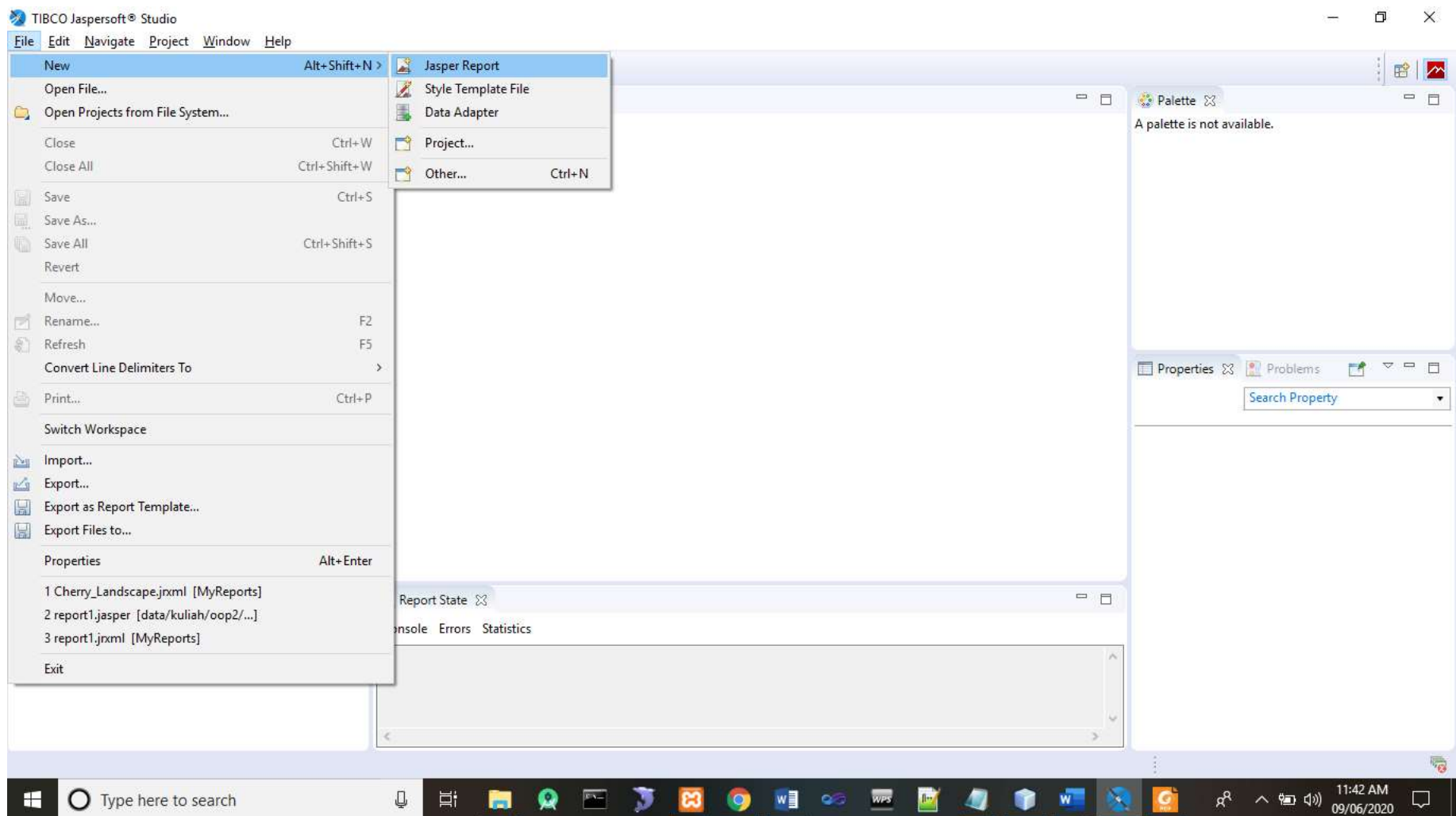
- Klik Driver Classpath → Add → File mysql-connector dapat di download di <https://repo1.maven.org/maven2/mysql/mysql-connector-java/5.1.45/>
- ◊ <https://repo1.maven.org/maven2/mysql/mysql-connector-java/8.0.17/>
- ◊ <https://jar-download.com/artifacts/mysql/mysql-connector-java/8.0.17/source-code>





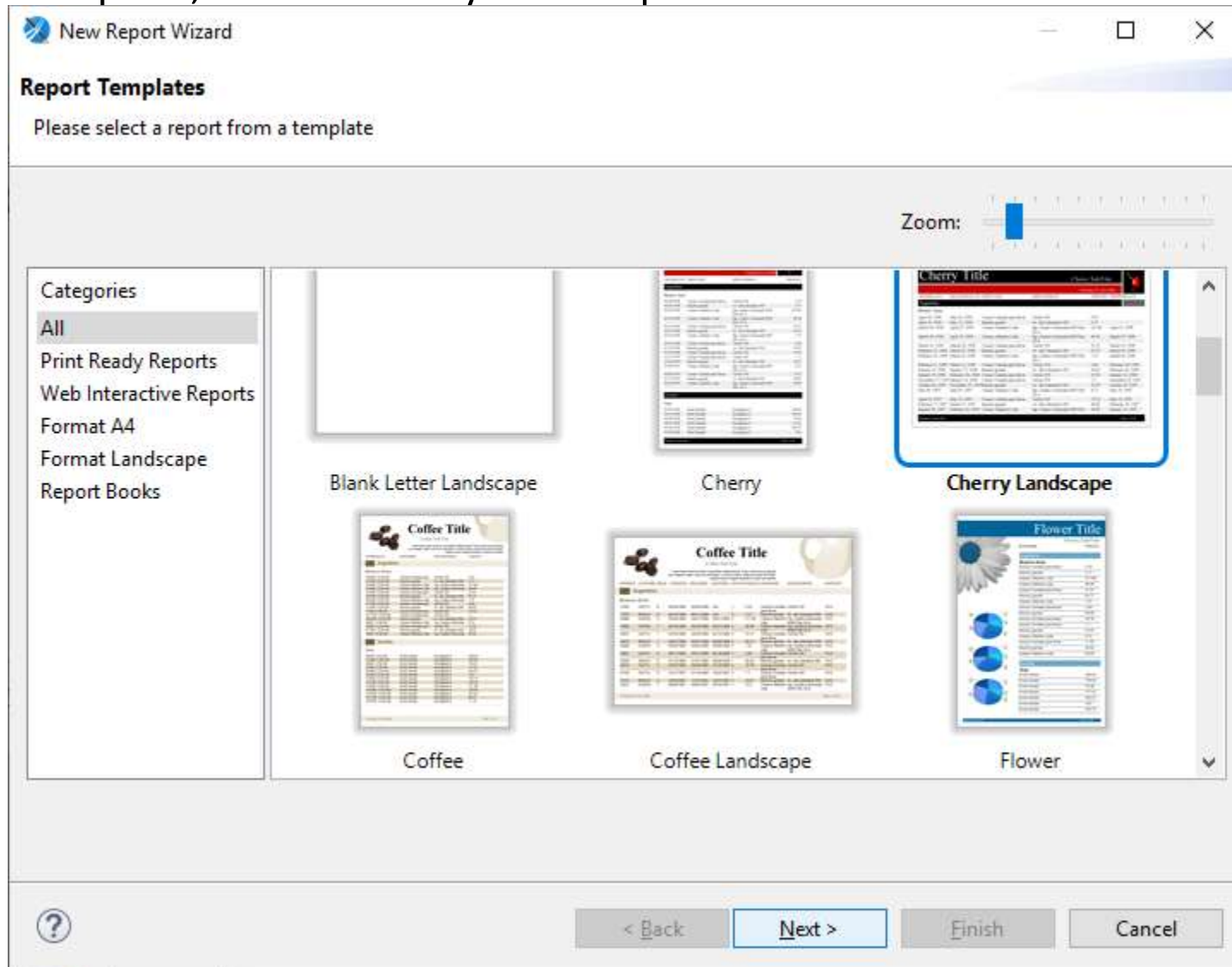
# Jaspersoft Studio

- Membuat Report baru, klik menu File→New→Jasper Report



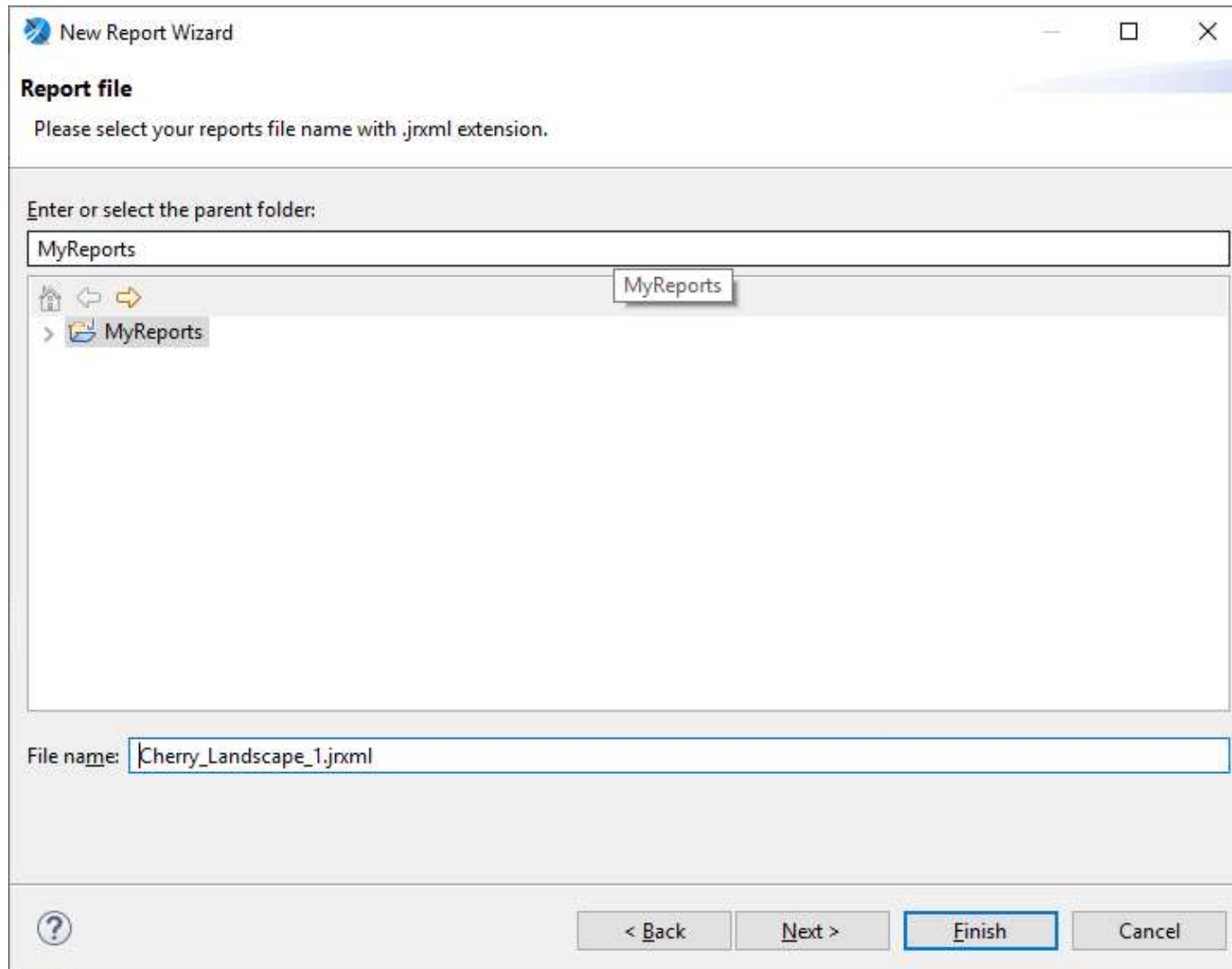
# Jaspersoft Studio

- Pilih Template, missal : Cherry Landscape



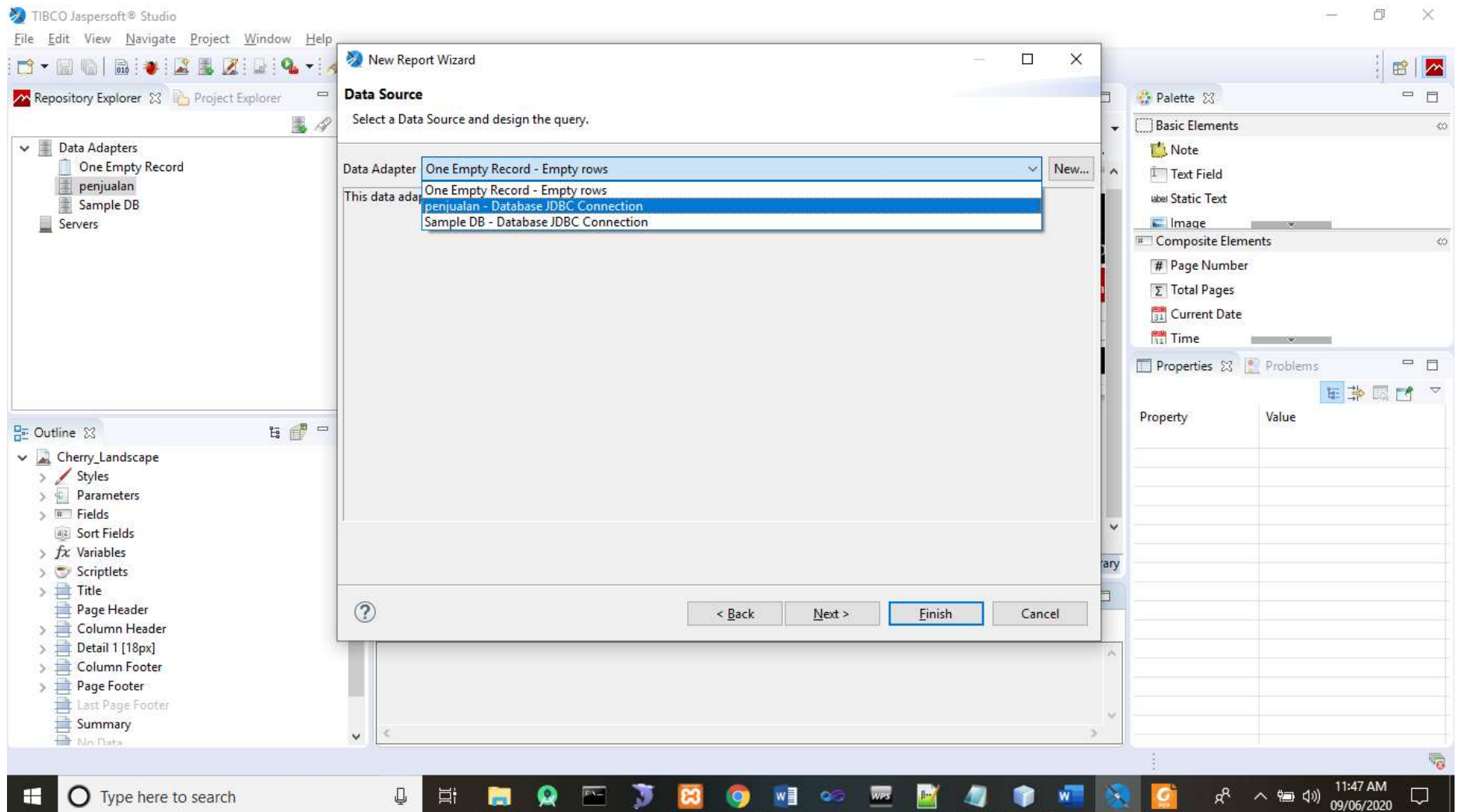
# Jaspersoft Studio

- Klik Next, pilih lokasi penyimpanan & nama file



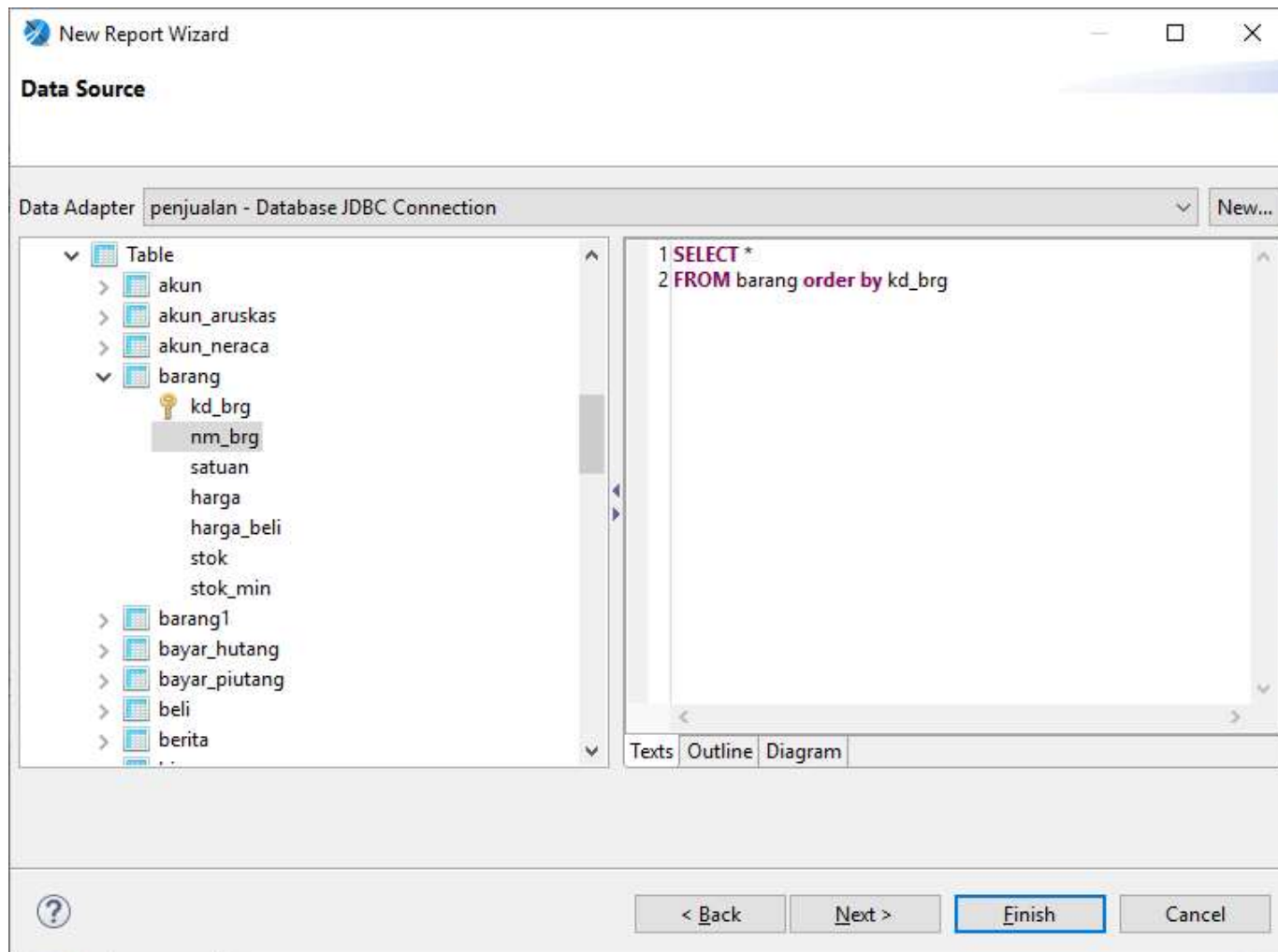
# Jaspersoft Studio

- Pilih koneksi yang sudah dibuat



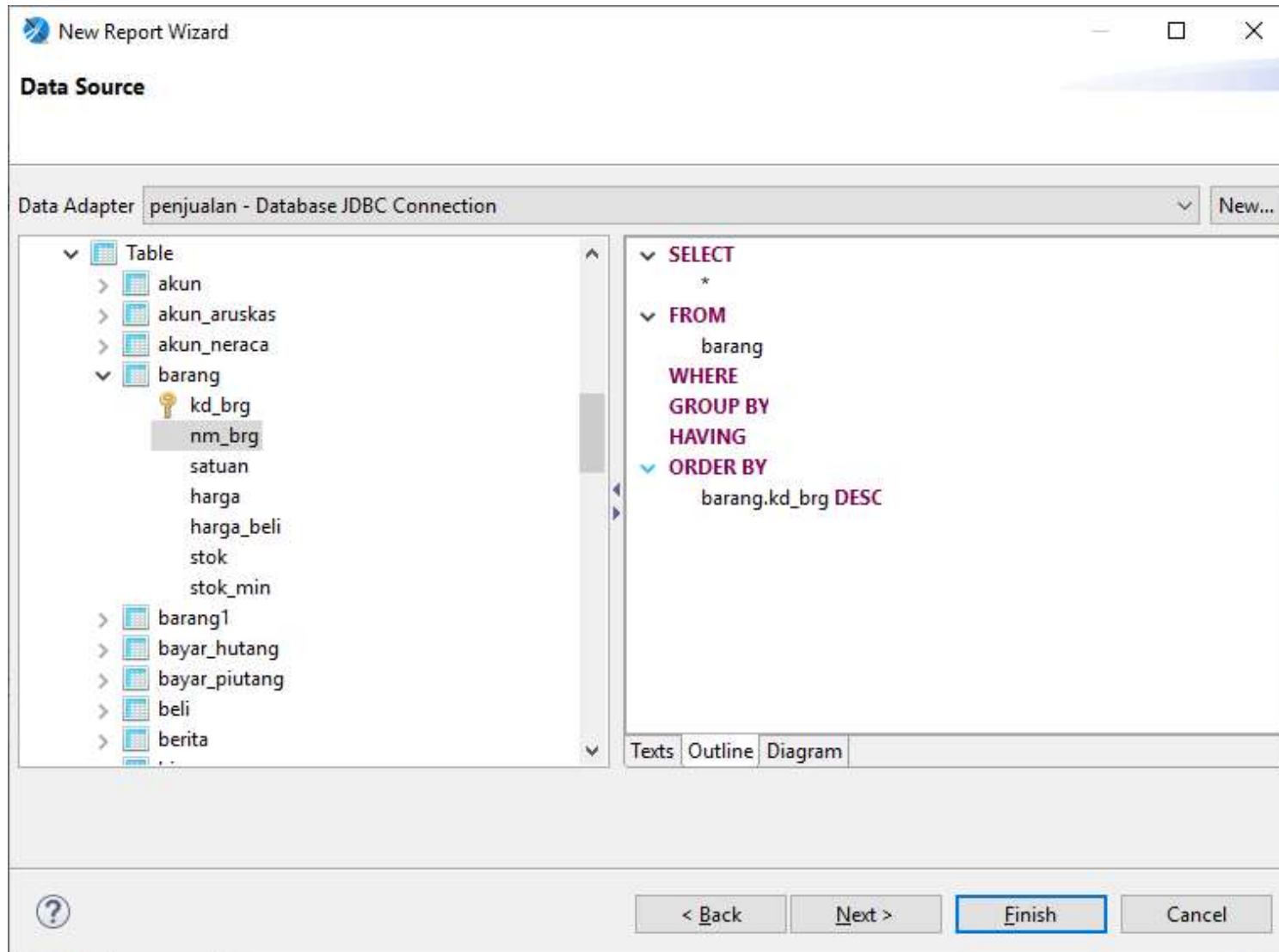
# Jaspersoft Studio

- Klik Finish, pilih database & tabel yang dibuat laporan, isikan query di area sebelah kanan di tabs Texts.



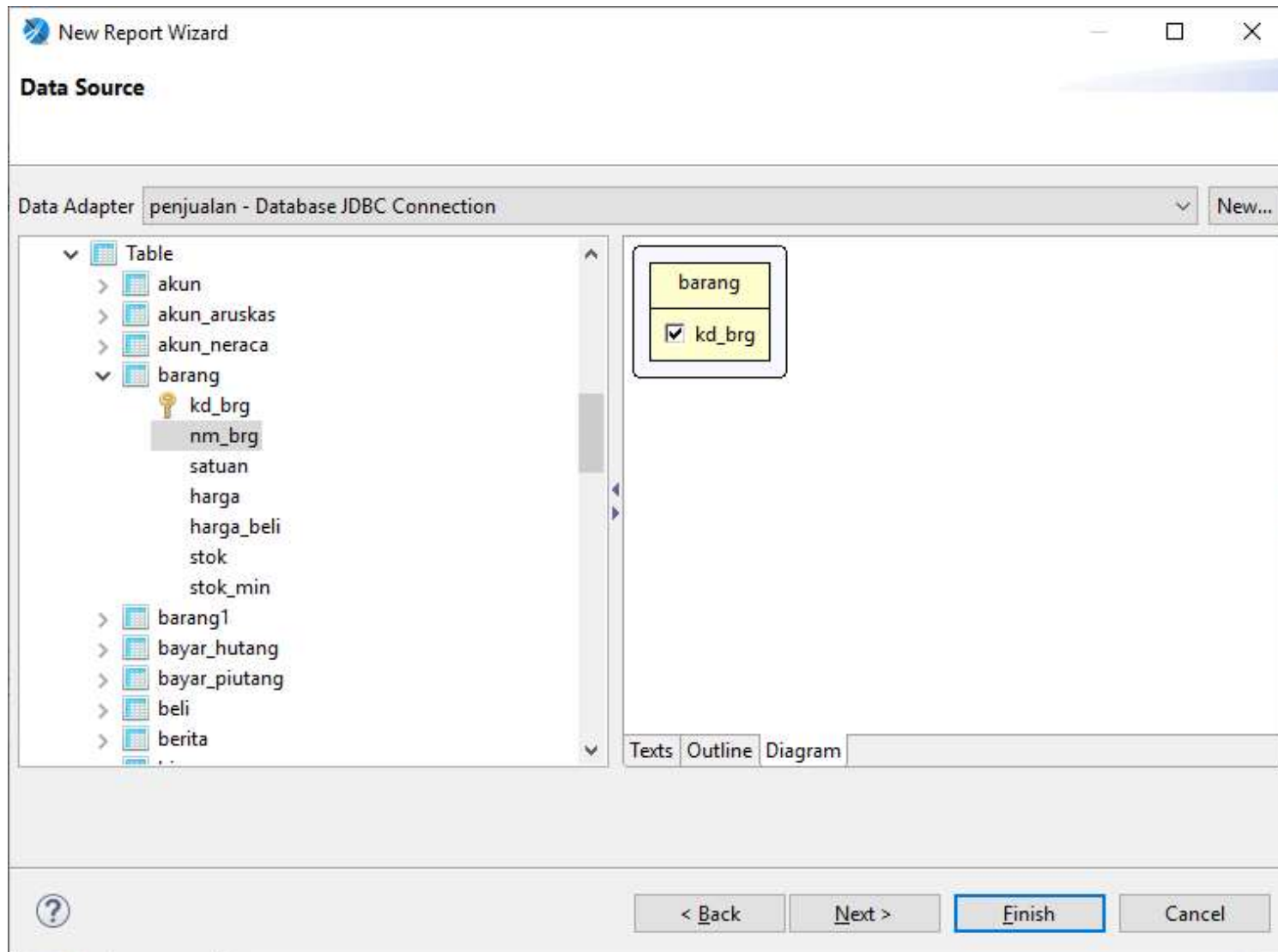
# Jaspersoft Studio

- Klik Tabs Outline :



# Jaspersoft Studio

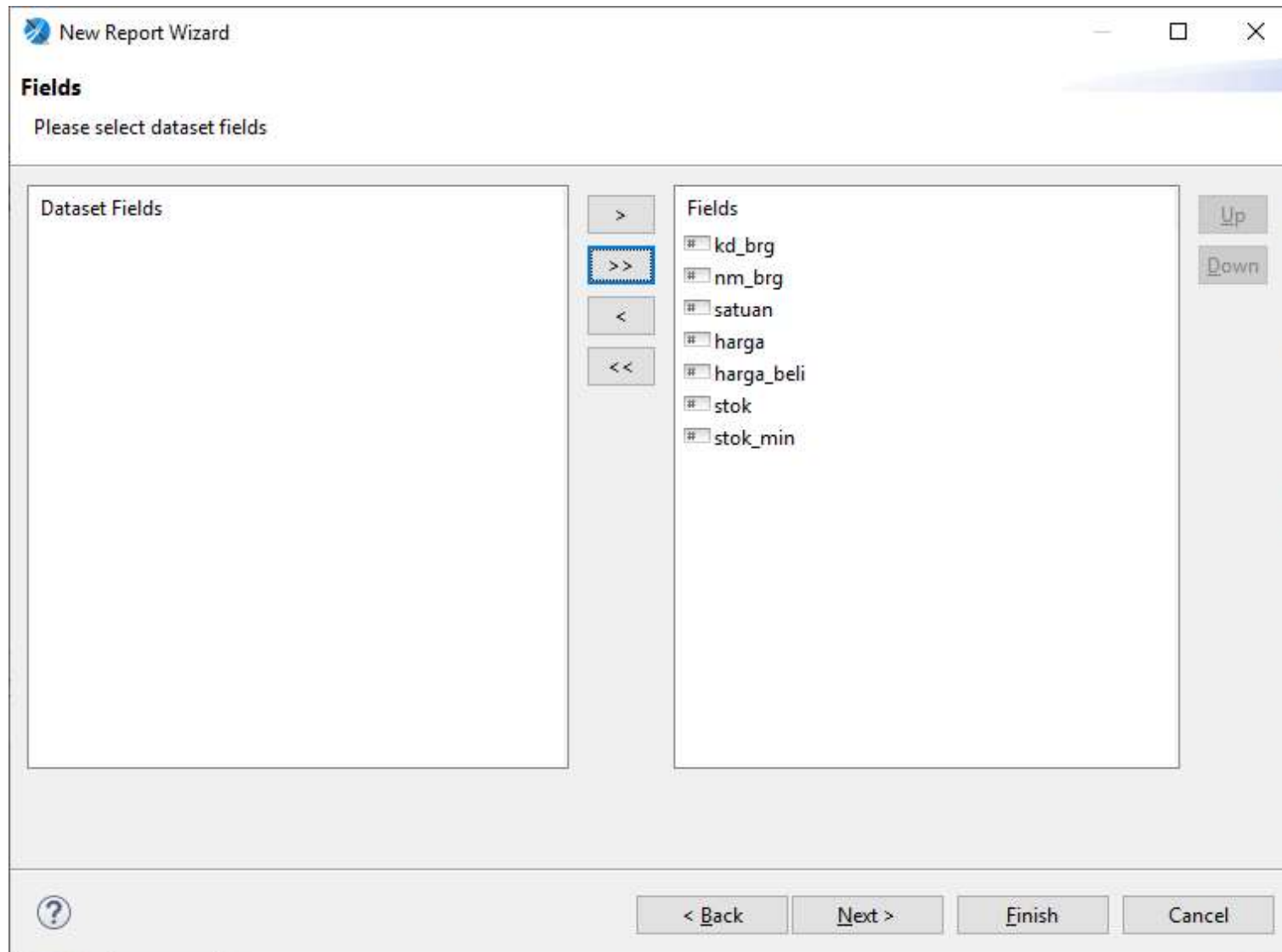
- Klik Diagram untuk melihat diagram





# Jaspersoft Studio

- Klik Next, pindahkan fields yang dibuat laporan



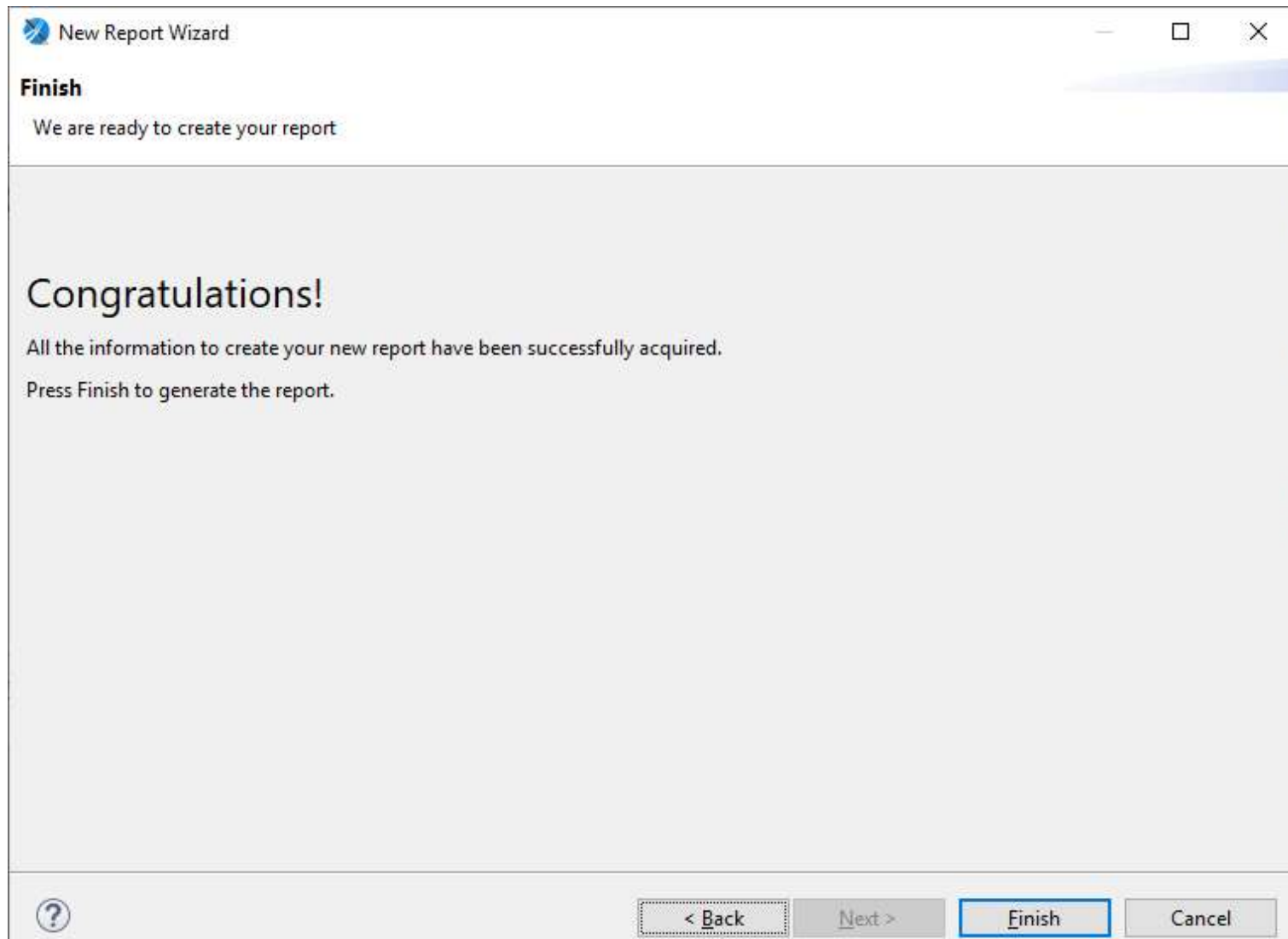
# Jaspersoft Studio

- Klik Next, pilih Group laporan, kosongkan jika tidak ada Grup.

The screenshot shows the 'New Report Wizard' dialog box in Jaspersoft Studio, specifically the 'Group By' step. The window title is 'New Report Wizard'. Below the title bar, the text 'Group By' is displayed, followed by the instruction 'Please select fields to Group By'. The main area is divided into two panes: 'Dataset Fields' on the left and 'Fields' on the right. The 'Dataset Fields' pane contains a list of fields: 'kd\_brg', 'nm\_brg', 'satuan', 'harga', 'harga\_beli', 'stok', and 'stok\_min'. The 'Fields' pane is currently empty. Between the two panes are four arrow buttons: '>', '>>', '<', and '<<'. To the right of the 'Fields' pane are two buttons: 'Up' and 'Down'. At the bottom of the dialog, there is a checkbox labeled 'Use the group fields as sort fields. Select this option if you want to aggregate all the group fields with the same value and not only the consecutive ones'. The checkbox is currently unchecked. At the very bottom, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. The 'Next >' button is highlighted with a blue border.

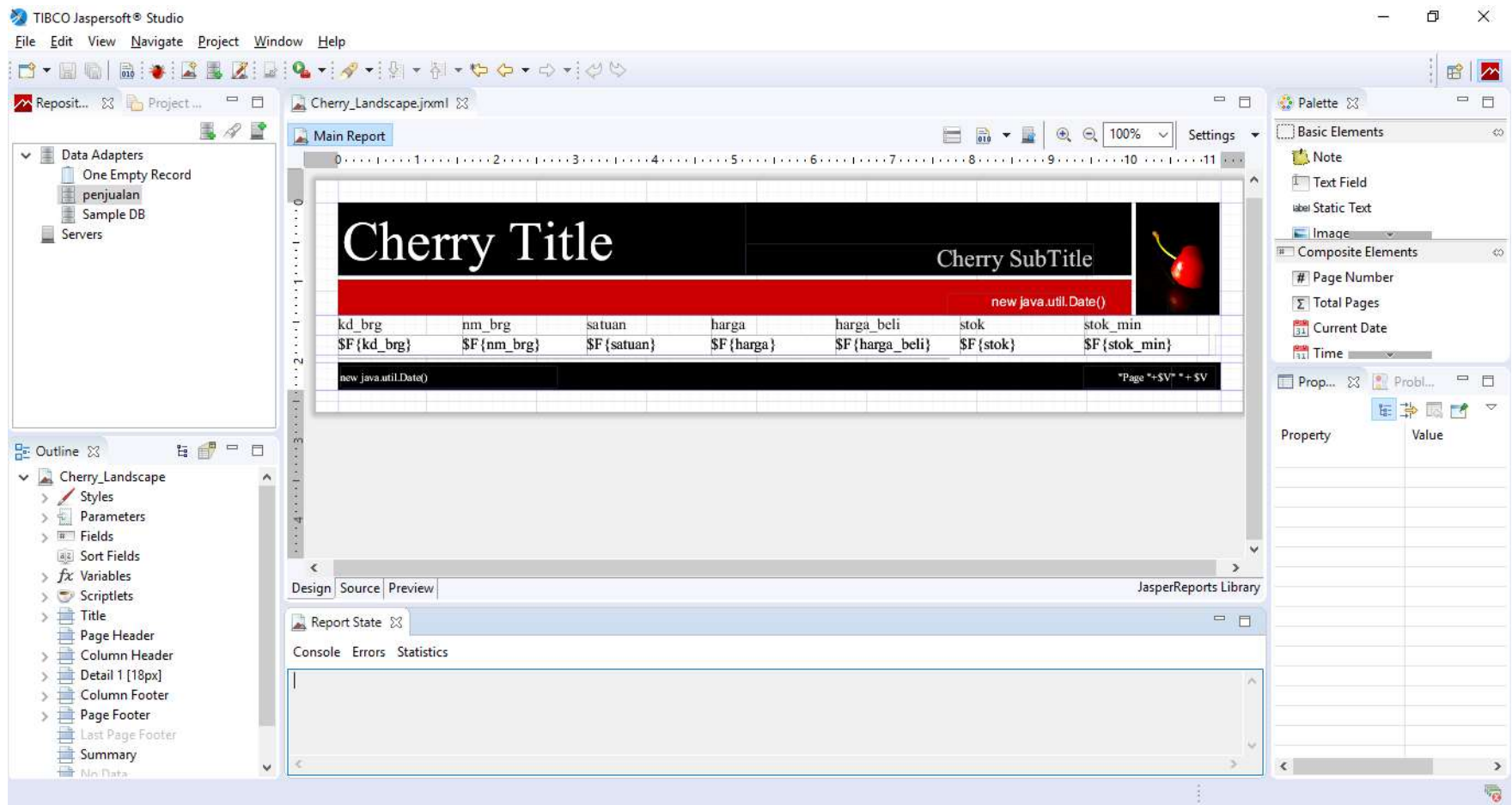
# Jaspersoft Studio

- Klik Next.



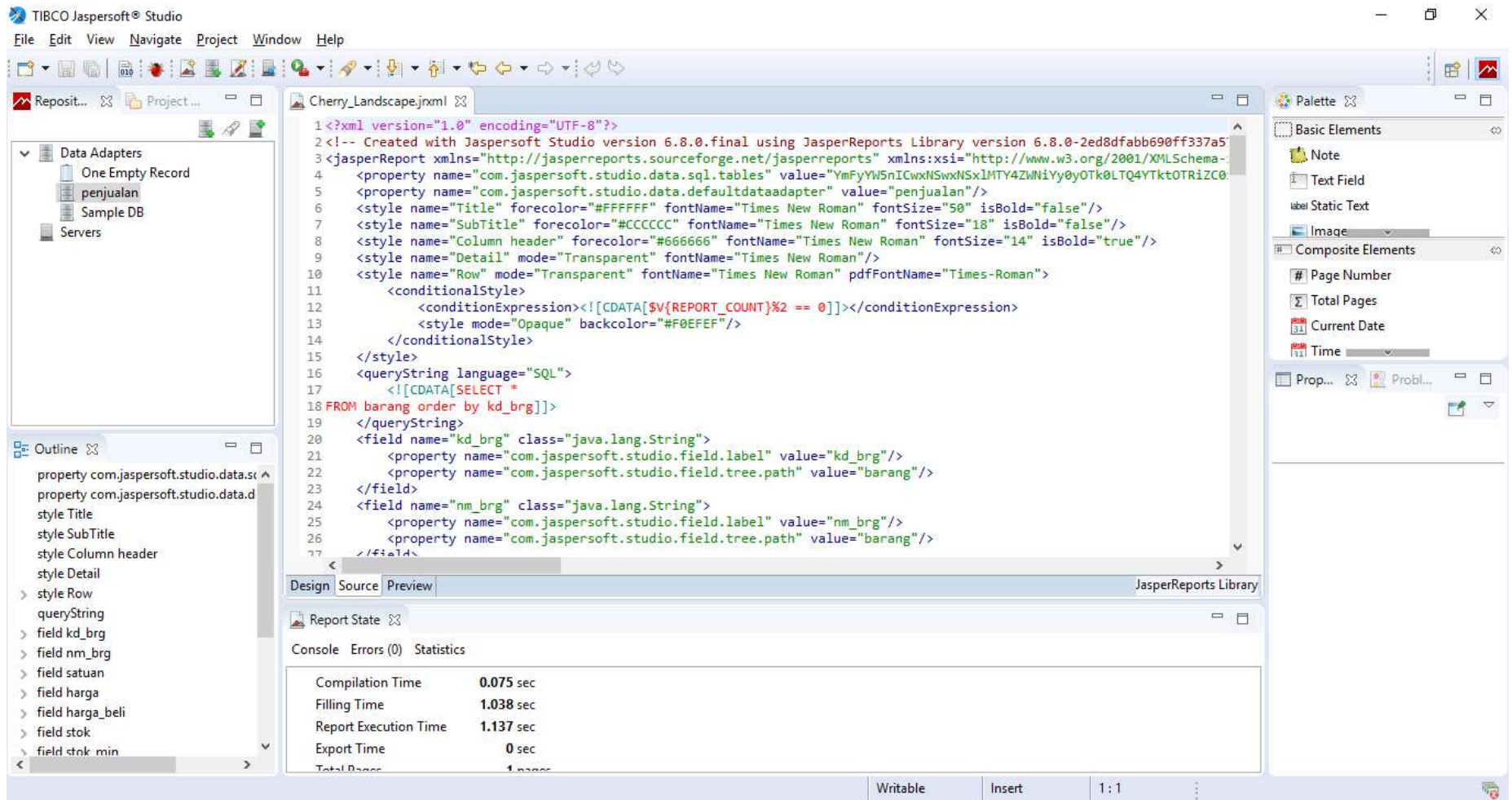
# Jaspersoft Studio

- Klik Finish, laporan sudah jadi



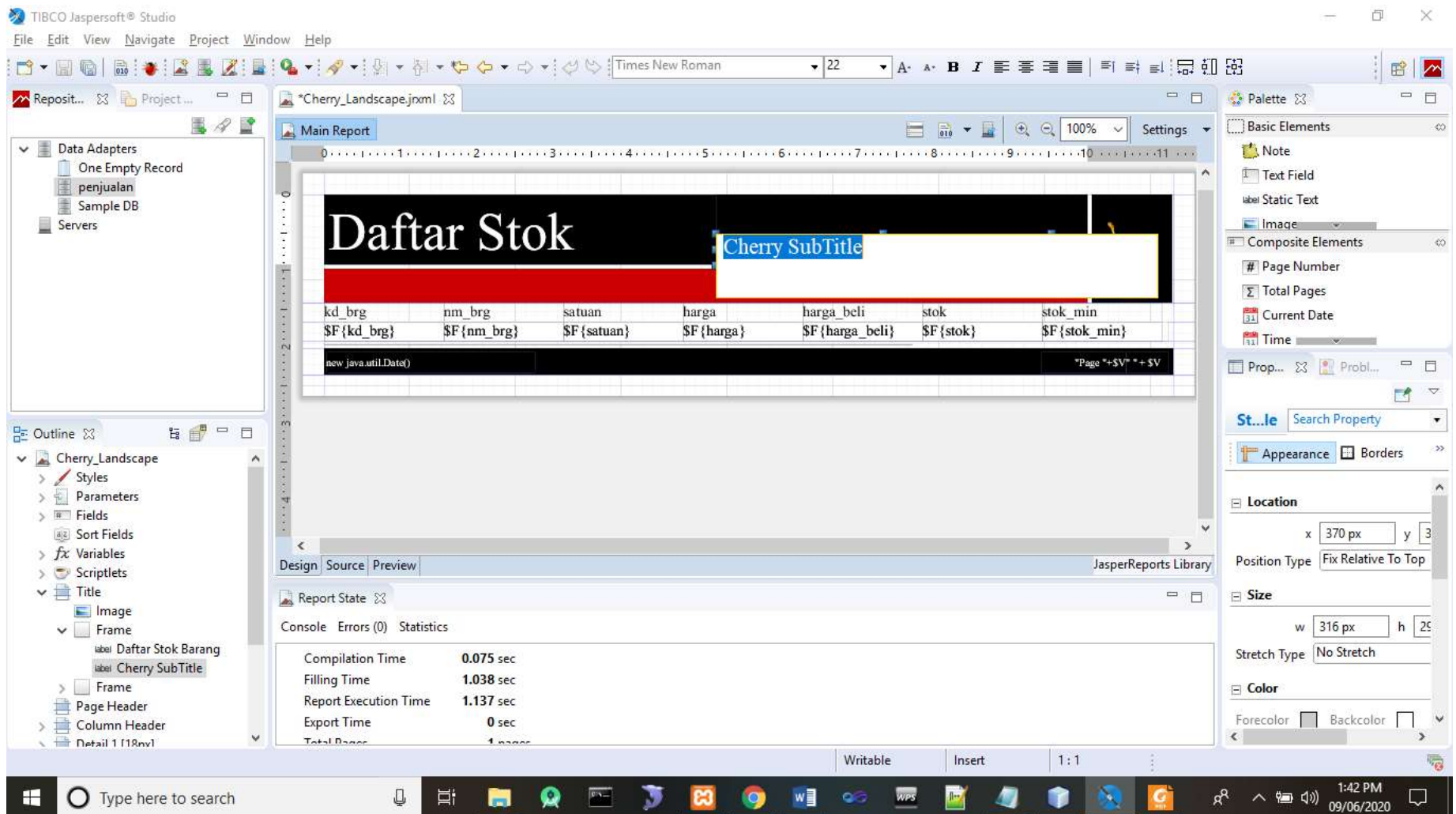
# Jaspersoft Studio

- Klik Tab Source untuk melihat Code XML nya



# Jaspersoft Studio

- Untuk mengedit Laporan di Tab Design, misalkan mengganti judul dll.





# Jaspersoft Studio

- Klik Tab Preview untuk melihat hasil.

The screenshot displays the TIBCO JasperSoft Studio interface. The main window shows a report titled "Daftar Stok" (Inventory List) for "GhiNaj Shop". The report is in the "Preview" tab, showing a table of inventory items. The table has columns for item ID, name, unit, price, purchase price, stock, and minimum stock. The data is as follows:

kd_brg	nm_brg	satuan	harga	harga_beli	stok	stok_min
B-0001	buku tulis putih	Buah	1000.0	900.0	191	10
B-0002	Gethuk magelang enak tenan	Box	1500.0	2000.0	211	10
B-0003	Pensil Lancip tenan	Buah	3000.0	2500.0	87	5
B-0004	Gethuk Lindri	Buah	5000.0	4000.0	100	5
B-0005	Mangga	Buah	10000.0	9000.0	0	10
B-0006	Wingko	Buah	10000.0	9000.0	99	10
B-0007	Mangga	Buah	10000.0	9000.0	100	10
B-0008	HP	Buah	2000000.0	1800000.0	10	2
B-0009	Jam Tangan	Buah	250000.0	230000.0	10	2
FD0001	Flash Disk	Buah	100000.0	90000.0	1	1

The interface also includes a "Data Adapters" panel on the left, a "Palette" on the right, and a "Report State" panel at the bottom showing compilation and execution times.

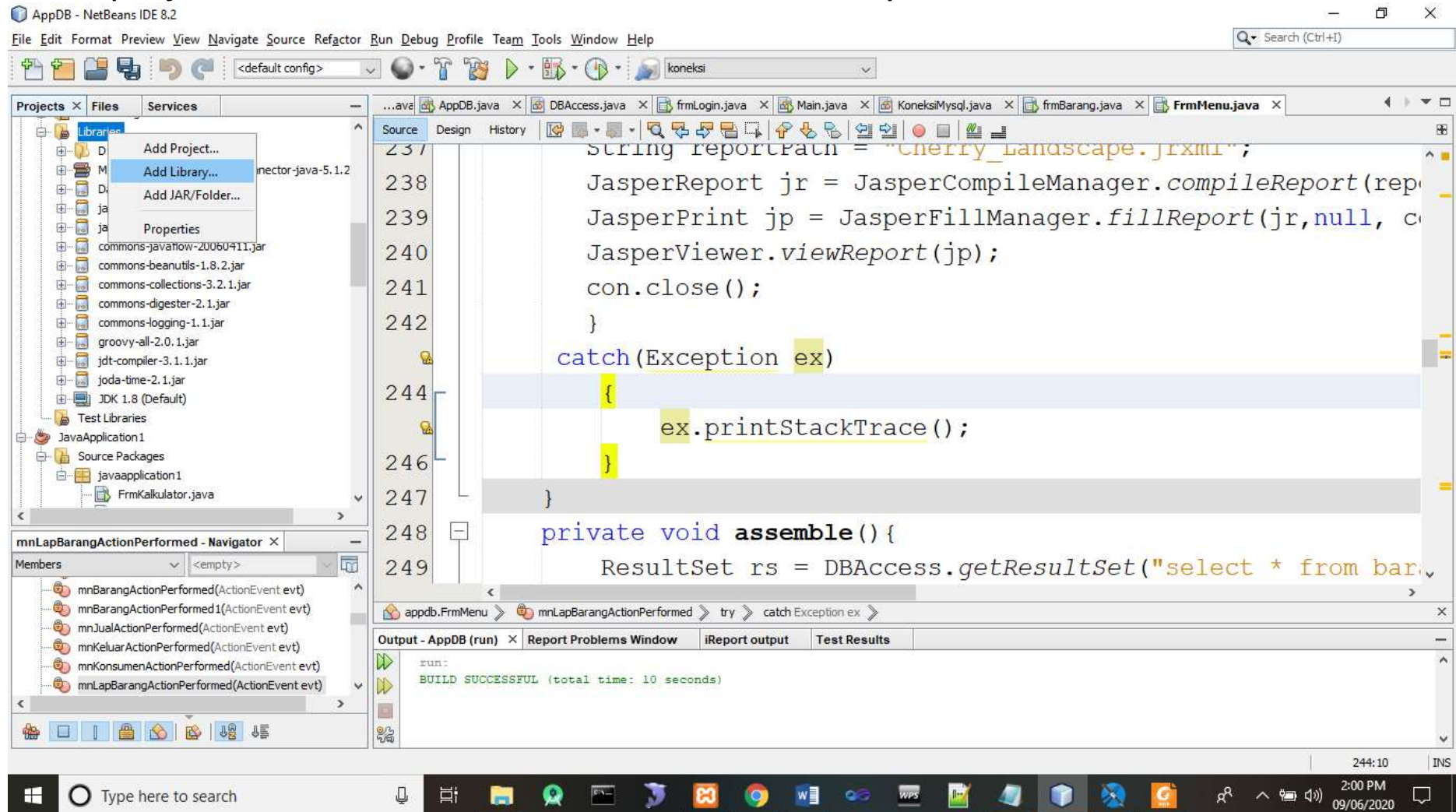
Report State:

- Compilation Time: 0.025 sec
- Filling Time: 0.368 sec
- Report Execution Time: 2.459 sec
- Export Time: 0 sec
- Total Pages: 1 pages



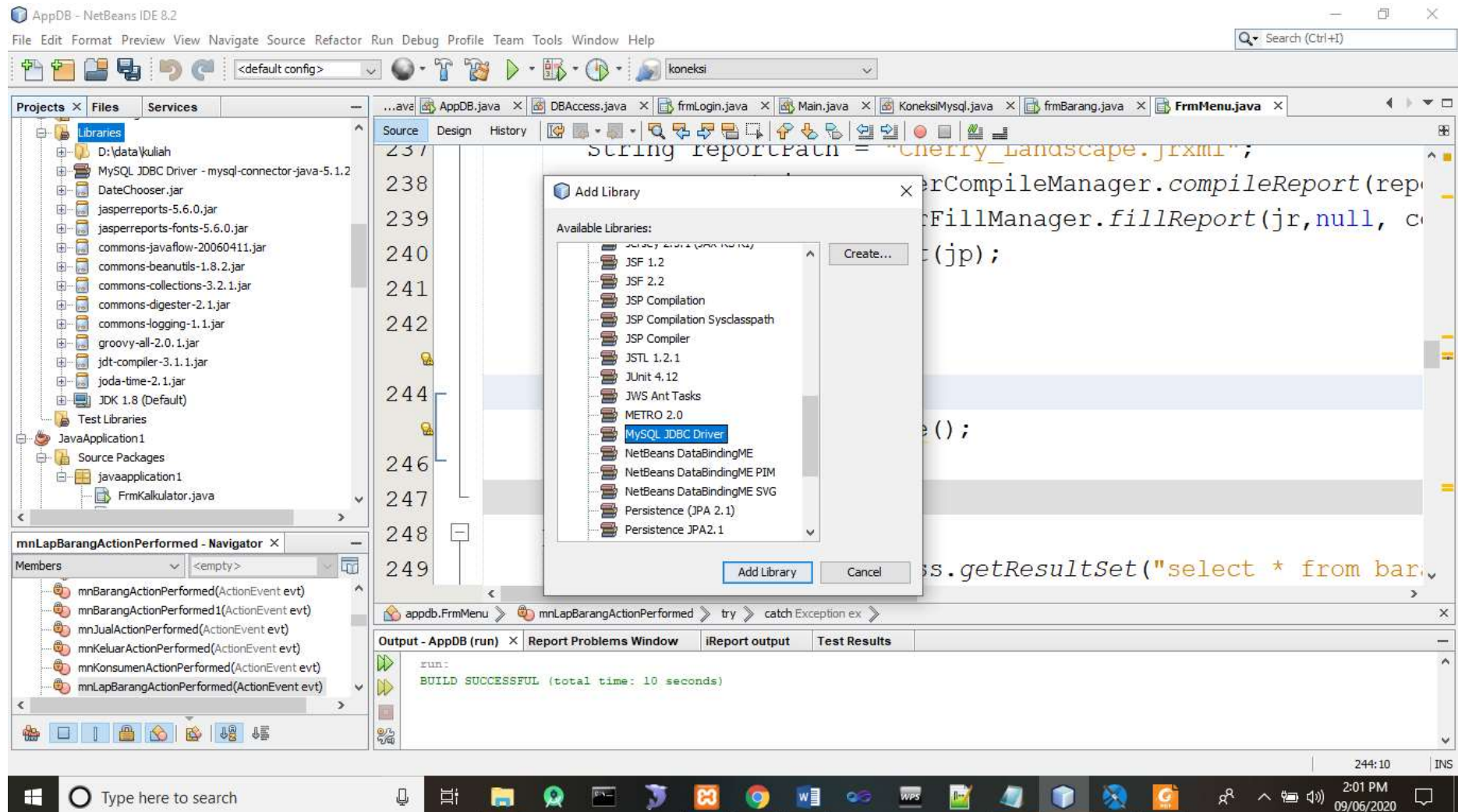
# Memanggil Jasper Report di Java

- Buka project anda, di Libraries klik kanan Add Library.



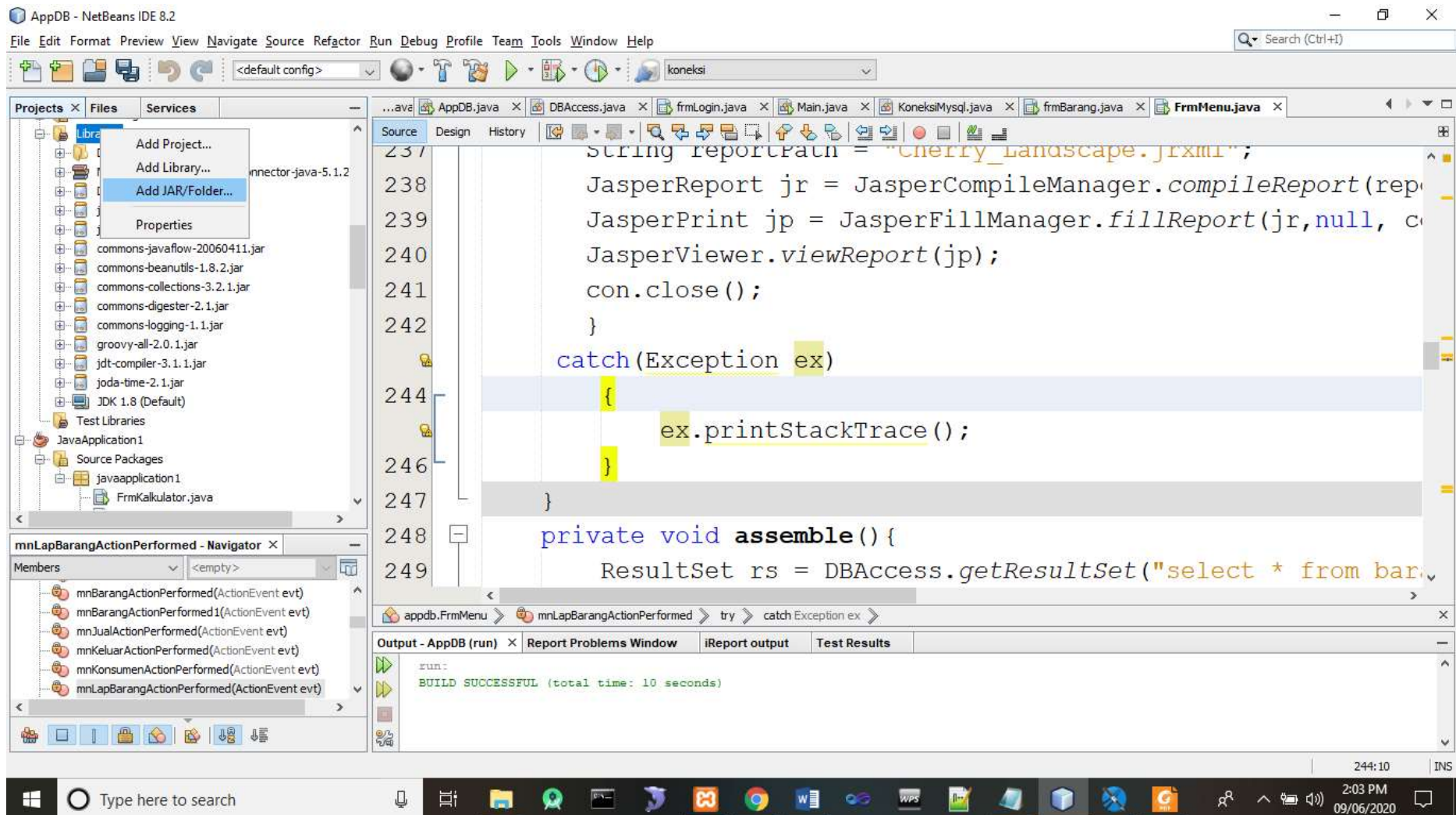
# Memanggil Jasper Report di Java

- Tambahkan MySQL JDBC Driver seperti gambar berikut :



# Memanggil Jasper Report di Java

- Tambahkan JAR file untuk menjalankan Jasper berikut ini :



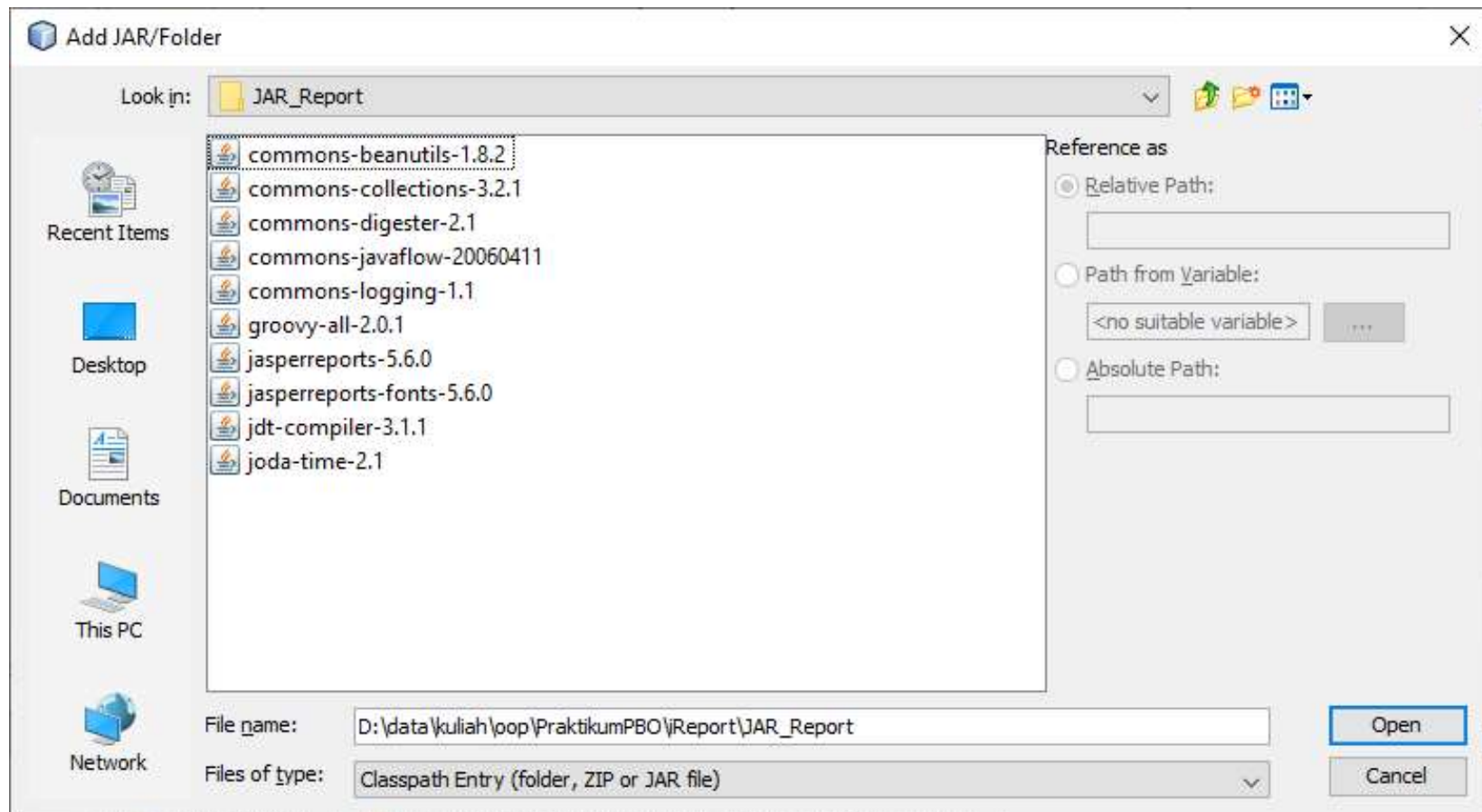
# Memanggil Jasper Report di Java

- Add file JAR berikut :
  - commons-beanutils-1.8.2.jar
  - commons-collections-3.2.1.jar
  - commons-digester-2.1.jar
  - commons-javaflow-20060411.jar
  - commons-logging-1.1.jar
  - groovy-all-2.0.1.jar
  - jasperreports-5.6.0.jar
  - jasperreports-fonts-5.6.0.jar
  - jdt-compiler-3.1.1.jar
  - joda-time-2.1.jar



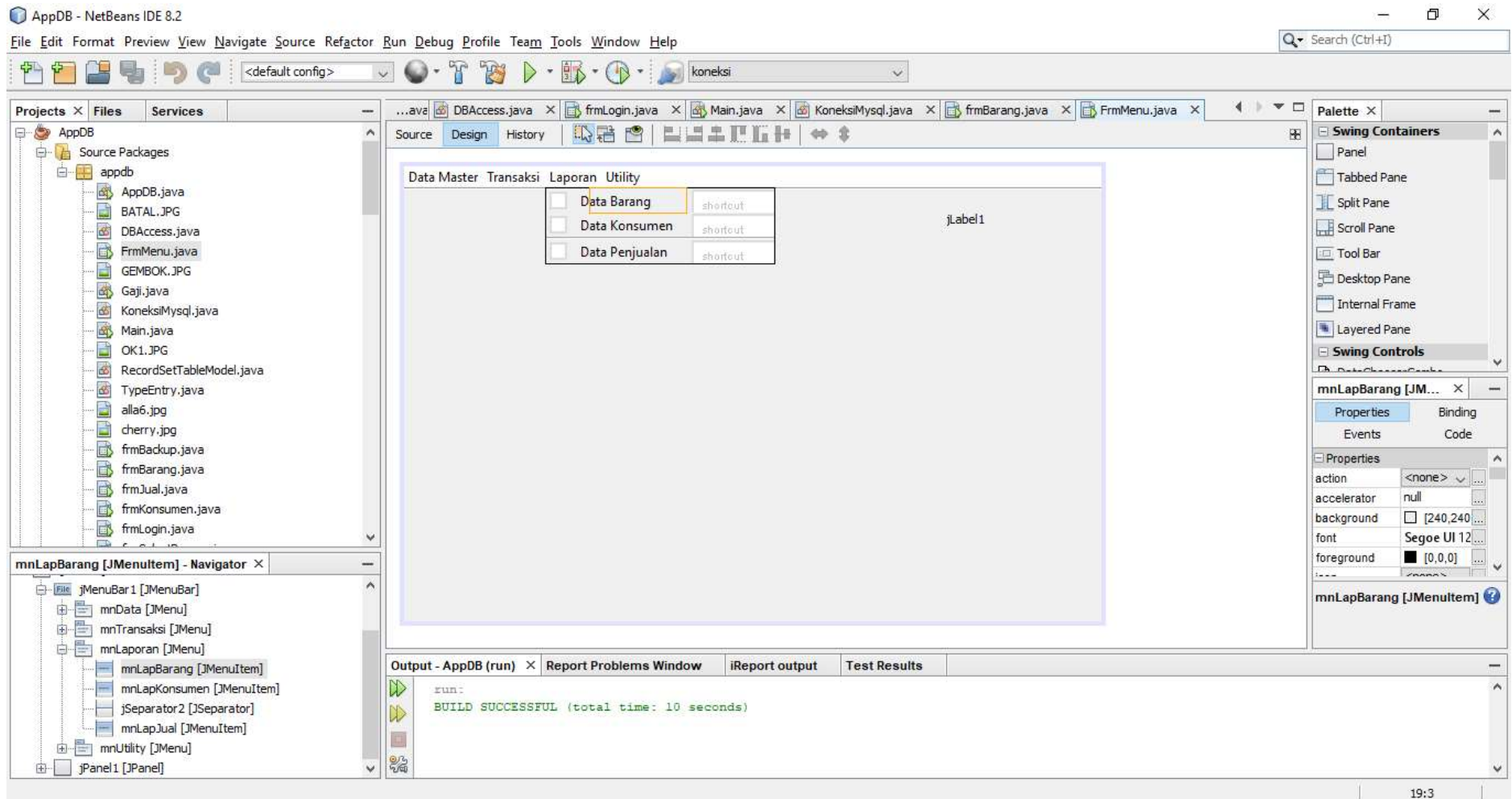
# Memanggil Jasper Report di Java

- Dapat di download di [Drive](https://drive.google.com/file/d/1YAGI5bJab5q8yGDBW2iPPZZJk9LJzntL/view?usp=sharing) atau <https://drive.google.com/file/d/1YAGI5bJab5q8yGDBW2iPPZZJk9LJzntL/view?usp=sharing>



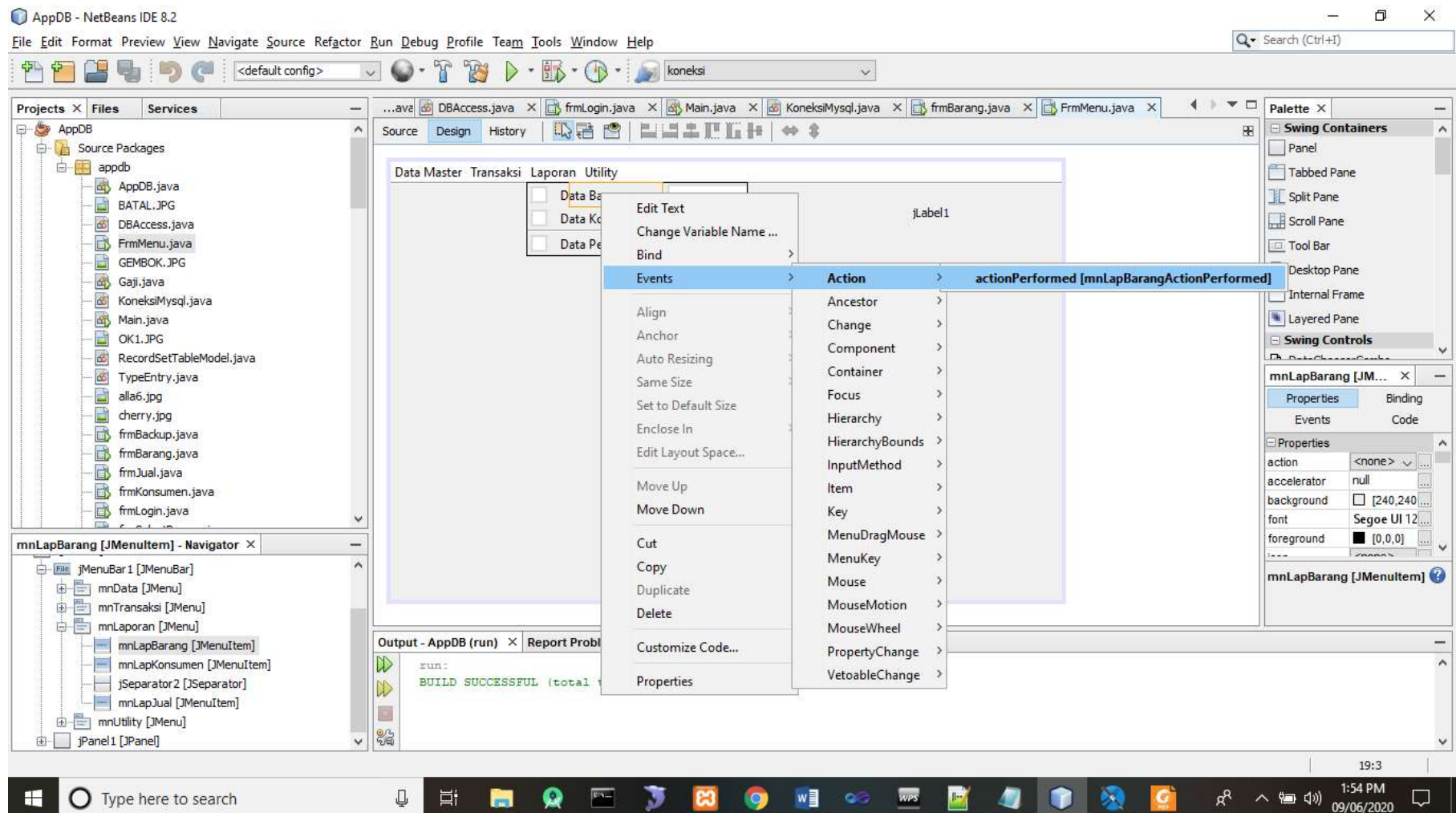
# Memanggil Jasper Report di Java

- Buat Menu seperti berikut :



# Memanggil Jasper Report di Java

- Klik di menu Laporan → Data Barang, klik kanan :





# Memanggil Jasper Report di Java

- Tambahkan code berikut :

```
private void mnLapBarangActionPerformed(java.awt.event.ActionEvent evt) {  
    try{  
        Class.forName("com.mysql.jdbc.Driver");  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/penjualan","root",  
"");  
        String reportPath = "Cherry_Landscape.jrxml";  
        JasperReport jr = JasperCompileManager.compileReport(reportPath);  
        JasperPrint jp = JasperFillManager.fillReport(jr,null, con);  
        JasperViewer.viewReport(jp);  
        con.close();  
    }  
    catch(Exception ex)  
    {  
        ex.printStackTrace();  
    }  
}
```

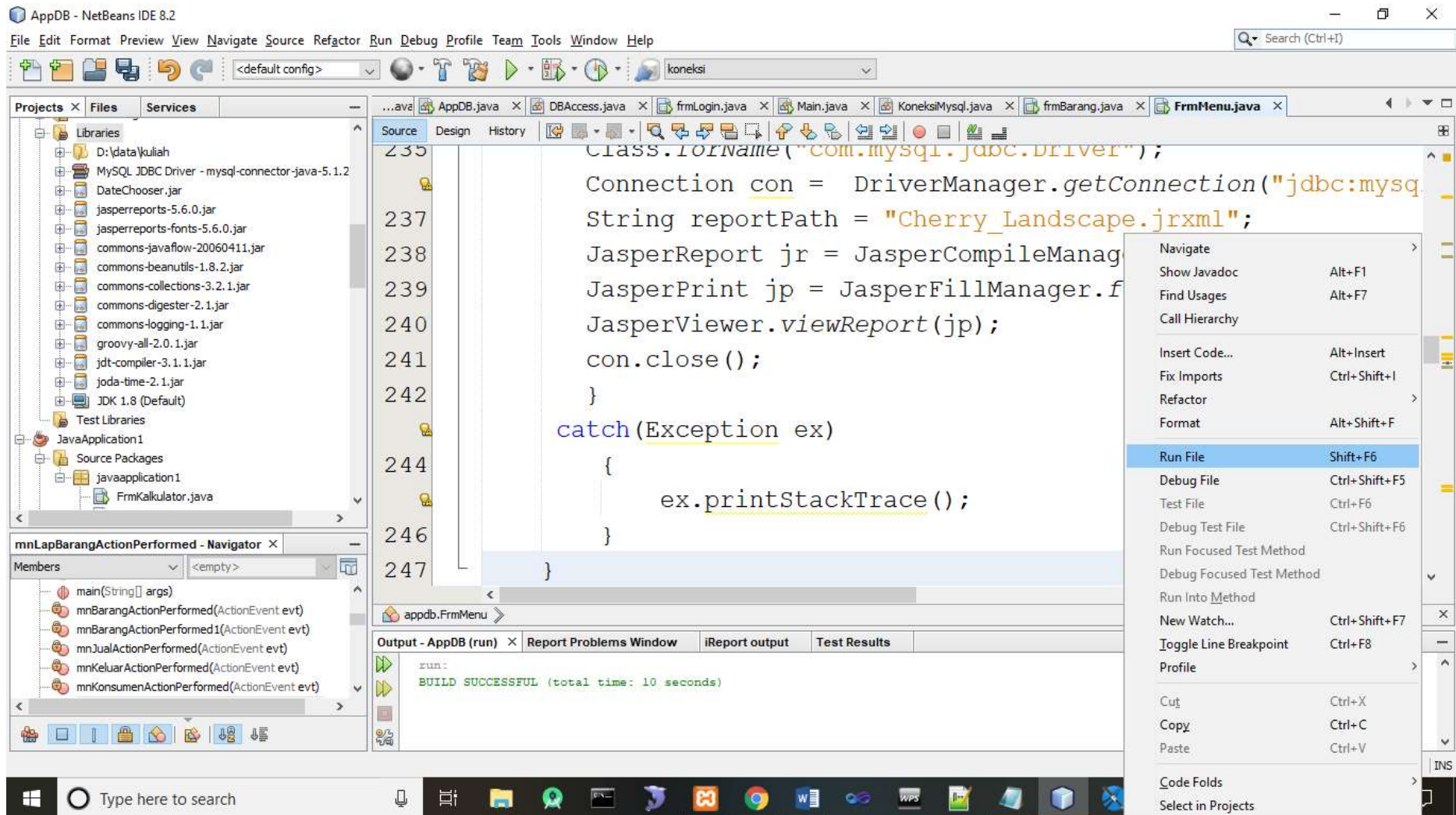
# Memanggil Jasper Report di Java

- Tambahkan Code di bawah Package :

```
import net.sf.jasperreports.engine.JasperFillManager;  
import net.sf.jasperreports.engine.JasperPrint;  
import net.sf.jasperreports.engine.JasperReport;  
import net.sf.jasperreports.engine.JasperCompileManager;  
import net.sf.jasperreports.view.JasperViewer;
```

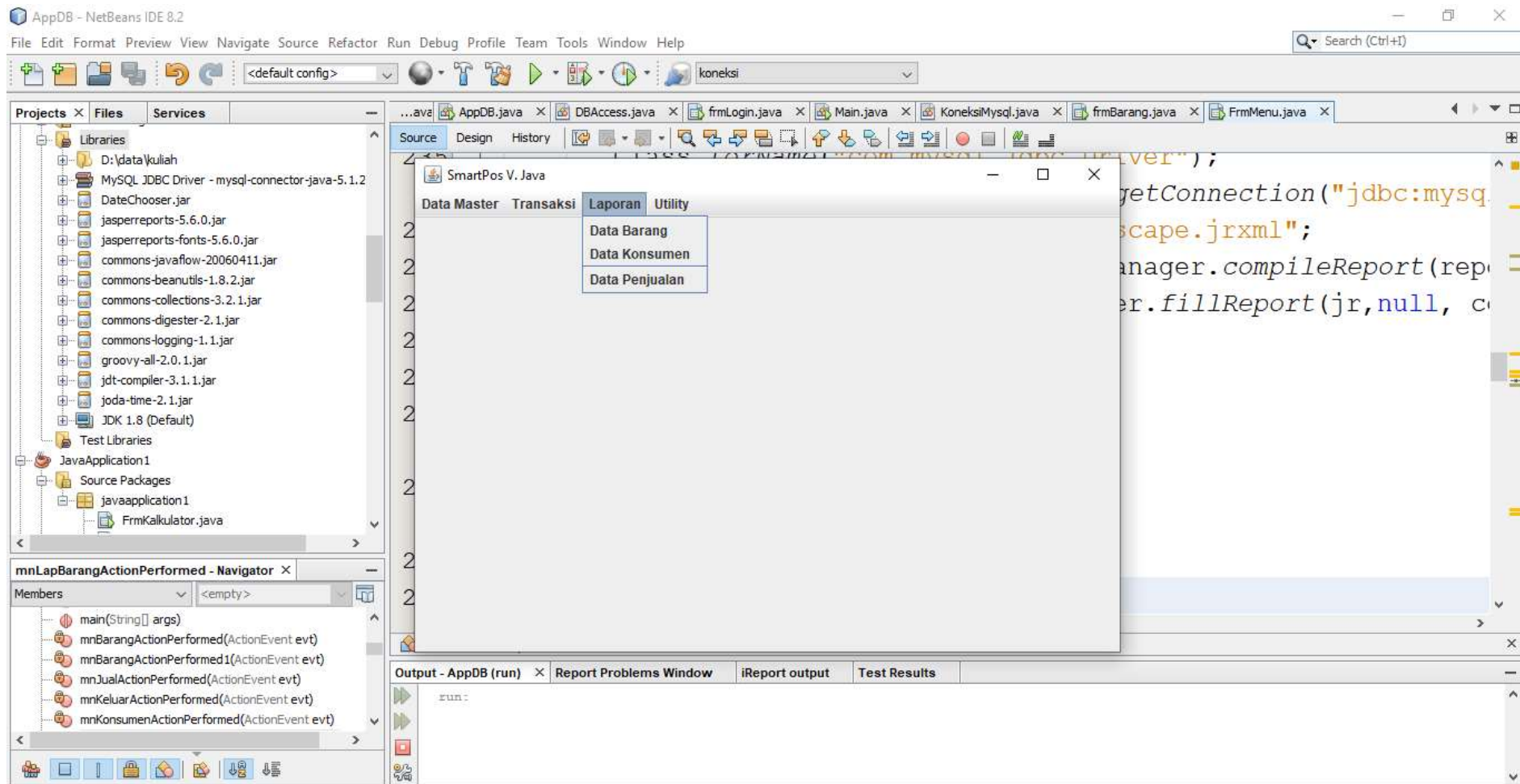
# Memanggil Jasper Report di Java

- Jalankan, klik kanan → Run File



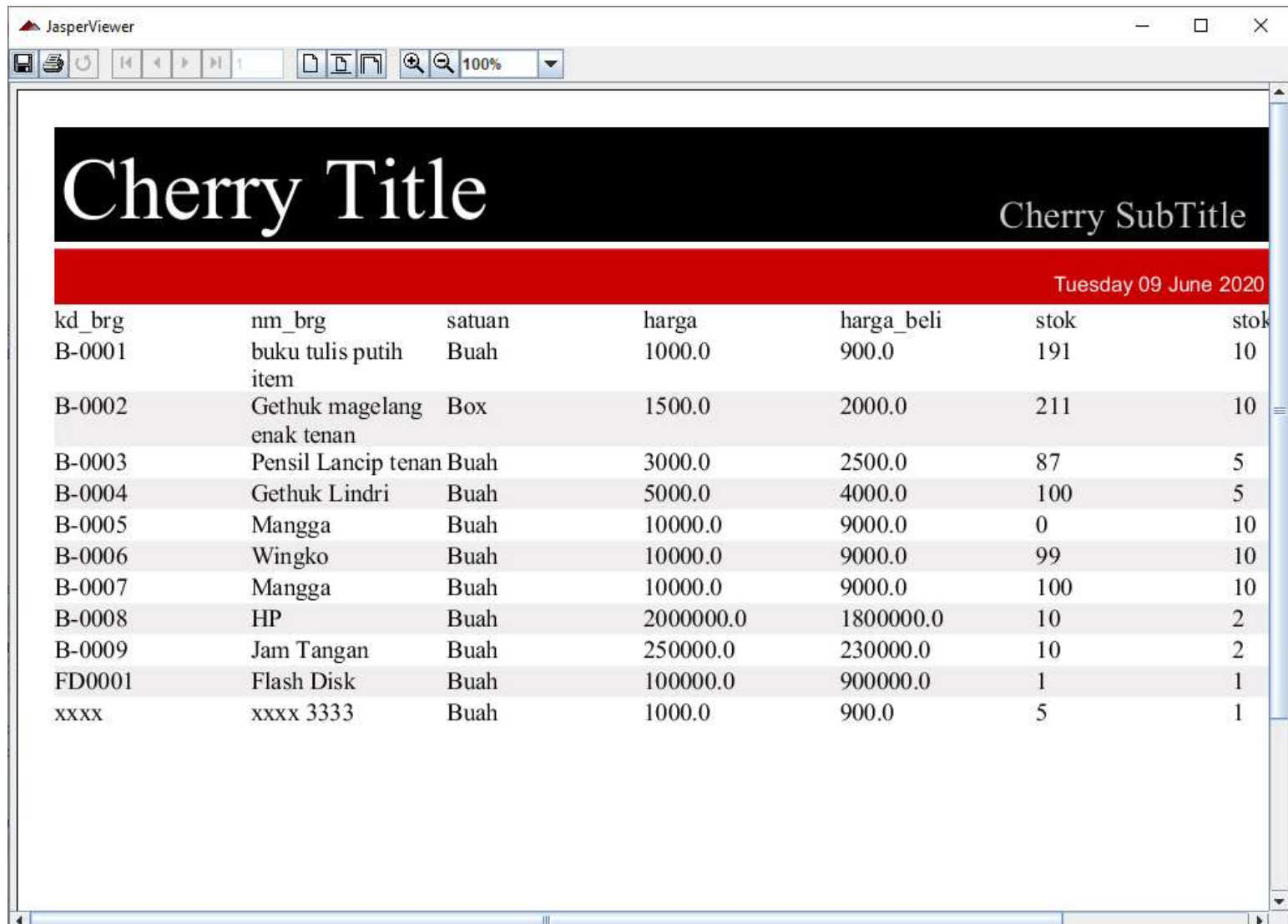
# Memanggil Jasper Report di Java

- Hasilnya



# Memanggil Jasper Report di Java

- Hasilnya



JasperViewer

Cherry Title

Cherry SubTitle

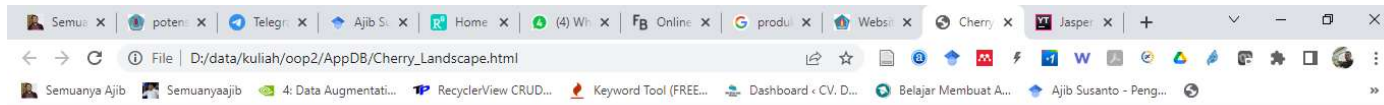
Tuesday 09 June 2020

kd_brg	nm_brg	satuan	harga	harga_beli	stok	stok
B-0001	buku tulis putih item	Buah	1000.0	900.0	191	10
B-0002	Gethuk magelang enak tenan	Box	1500.0	2000.0	211	10
B-0003	Pensil Lancip tenan	Buah	3000.0	2500.0	87	5
B-0004	Gethuk Lindri	Buah	5000.0	4000.0	100	5
B-0005	Mangga	Buah	10000.0	9000.0	0	10
B-0006	Wingko	Buah	10000.0	9000.0	99	10
B-0007	Mangga	Buah	10000.0	9000.0	100	10
B-0008	HP	Buah	2000000.0	1800000.0	10	2
B-0009	Jam Tangan	Buah	250000.0	230000.0	10	2
FD0001	Flash Disk	Buah	100000.0	900000.0	1	1
xxxx	xxxx 3333	Buah	1000.0	900.0	5	1

# Memanggil Jasper Report di Java

- Menggunakan Browser

```
try{
    Desktop.getDesktop().browse(new
    URL("file:///D:/data/kuliah/oop2/AppDB/Cherry_Landscape.html").toURI());
}catch(Exception ex){
    System.out.println(ex);
}
```



Daftar Stok

GhiNaj Shop

Tuesday 14 June 2022

kd_brg	nm_brg	satuan	harga	harga_beli	stok	stok_min
B-0001	buku tulis putih	Buah	1000.0	900.0	373	10
B-0002	item tenan					
	Gethuk magelang	Box	1500.0	2000.0	409	10
B-0003	enak tenan					
	Pensil Lancip tenan	Buah	3000.0	2500.0	83	5
B-0004	Gethuk Lindri	Buah	5000.0	4000.0	98	5
B-0005	Mangga	Buah	10000.0	9000.0	-1	10
B-0006	Wingko	Buah	10000.0	9000.0	99	10
B-0007	Mangga	Buah	10000.0	9000.0	99	10
B-0008	HP	Buah	2000000.0	1800000.0	9	2
B-0010	Headset	Buah	45000.0	40000.0	9	2
FD0001	Flash Disk	Buah	100000.0	90000.0	97	1
xxxx	xxxx 3333	Buah	1000.0	900.0	5	1
zzz	zzzz	null	1000.0	0.0	0	0

# Laporan Export ke Excel

- Buat Form

The screenshot shows a software window with a light blue border. At the top, there are two date input fields: 'Tgl' with the value '2018-05-01' and 's/d' with the value '2018-06-04'. Each field has a small calendar icon to its right. To the right of these fields is a button labeled 'Cari'. Below the date fields is a table with 8 columns: 'No Jual', 'Tanggal', 'Nama Kon...', 'Kode Barang', 'Nama Bara...', 'Harga Satuan', 'Jumlah', and 'Total'. The table contains two rows of data. Below the table is a large empty rectangular area. At the bottom left of the window is a button labeled 'Export'.

No Jual	Tanggal	Nama Kon...	Kode Barang	Nama Bara...	Harga Satuan	Jumlah	Total
31	2018-05-28	jon	B-0001	buku tulis p...	1,000	2	2000.0
30	2018-05-16	jon	B-0001	buku tulis p...	1,000	5	5000.0



# Laporan Export ke Excel

- Code Class ExportToExcel

```
package penjualan;

import java.io.File;
import java.io.FileWriter;
import javax.swing.JTable;
import javax.swing.table.TableModel;

/**
 *
 * @author a71b
 */
public class ExportToExcel {
    public ExportToExcel(JTable table, File file) {
        try{
            TableModel tableModel = table.getModel();
            FileWriter fOut = new FileWriter(file);
            for(int i = 0; i < tableModel.getColumnCount();
i++){
                fOut.write(tableModel.getColumnName(i)+"\t");
            }
            fOut.write("\n");
        }
    }
}
```

# Laporan Export ke Excel

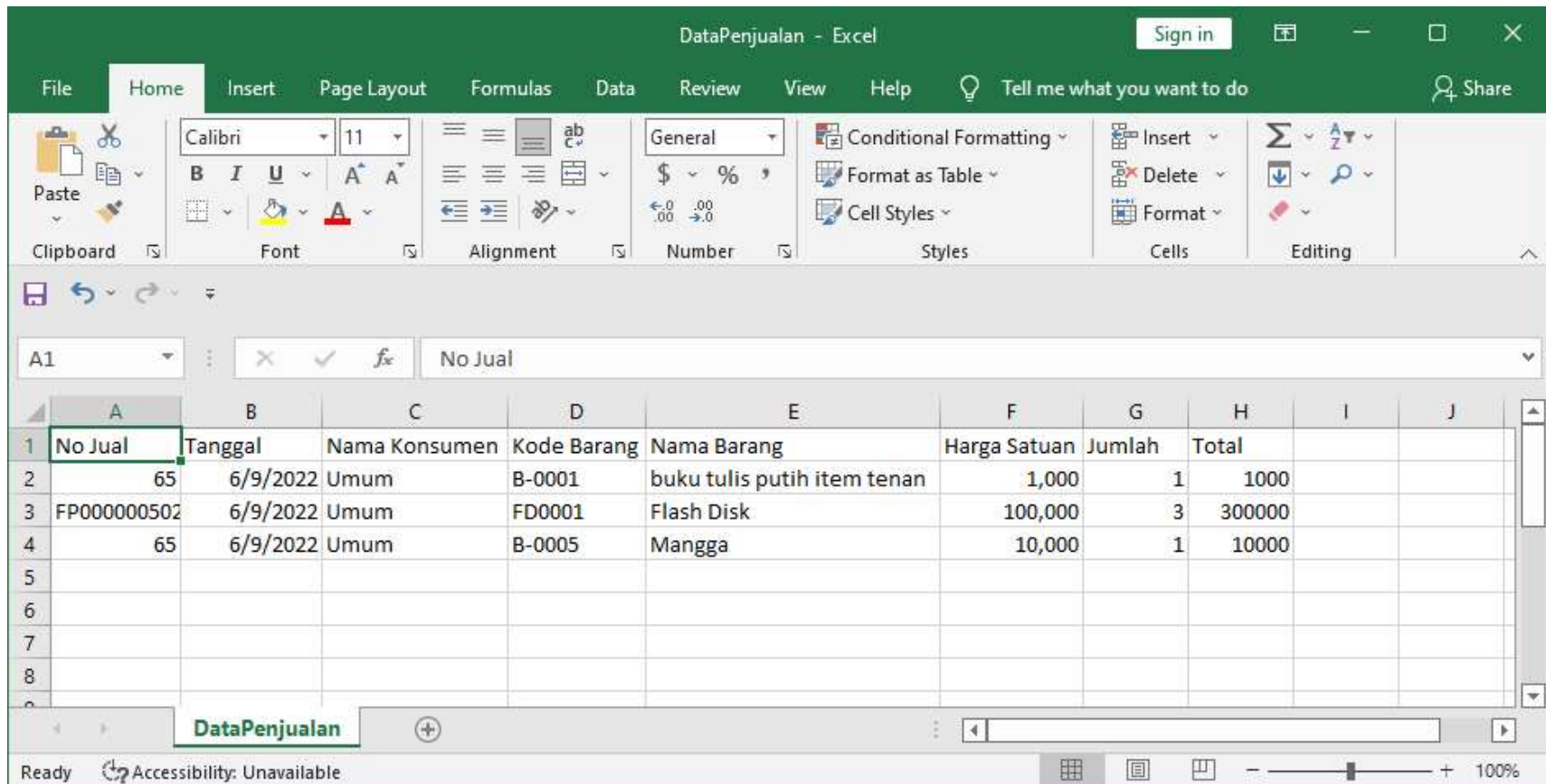
- Code Class ExportToExcel

```
        for(int i = 0; i < tableModel.getRowCount(); i++){
            for(int j = 0; j < tableModel.getColumnCount();
j++){
                fOut.write(tableModel.getValueAt(i,
j).toString()+"\t");
                }
                fOut.write("\n");
            }
            fOut.close();
        } catch (Exception e){
            e.printStackTrace();
        }
    }
}
```

# Laporan Export ke Excel

- Membuat obyek Export ke Excel

```
ExportToExcel ex=new ExportToExcel(tblLapJual, new  
File("DataPenjualan.xls"));
```



The screenshot shows a Microsoft Excel window titled "DataPenjualan - Excel". The ribbon is set to "Home". The active cell is A1, which contains the text "No Jual". The formula bar also displays "No Jual". The spreadsheet contains a table with the following data:

	A	B	C	D	E	F	G	H	I	J
1	No Jual	Tanggal	Nama Konsumen	Kode Barang	Nama Barang	Harga Satuan	Jumlah	Total		
2	65	6/9/2022	Umum	B-0001	buku tulis putih item tenan	1,000	1	1000		
3	FP000000502	6/9/2022	Umum	FD0001	Flash Disk	100,000	3	300000		
4	65	6/9/2022	Umum	B-0005	Mangga	10,000	1	10000		
5										
6										
7										
8										

The status bar at the bottom indicates "Ready" and "Accessibility: Unavailable". The zoom level is set to 100%.



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# Referensi

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<https://docs.oracle.com/en/java/javase/index.html>
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