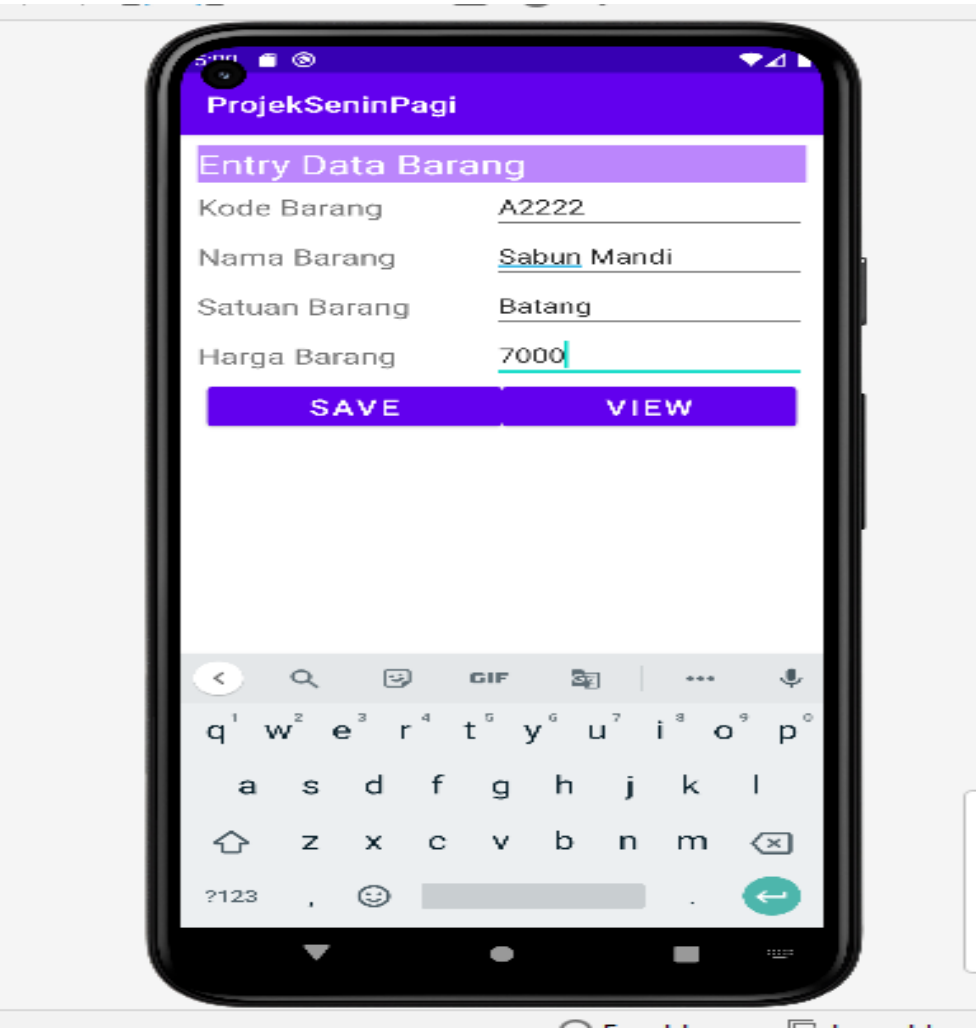


1. Activity Entry Data Barang

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:orientation="vertical"
    android:padding="10dp"
    android:layout_height="match_parent"
    tools:context=".Entry_Data_Barang">
    <TextView
        android:layout_width="match_parent"
        android:text="Entry Data Barang"
        android:textSize="25dp"
        android:textColor="@color/white"
        android:background="@color/purple_200"
        android:layout_height="wrap_content"/>
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">
```

```
    <TextView
        android:id="@+id/tekskode"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_centerVertical="true"
        android:text="Kode Barang"
        android:textSize="20sp" />

    <EditText
        android:id="@+id/editkode"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_toRightOf="@+id/tekskode" />
</RelativeLayout>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <TextView
        android:id="@+id/teksnama"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_centerVertical="true"
        android:text="Nama Barang"
        android:textSize="20sp" />

    <EditText
        android:id="@+id/editnama"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_toRightOf="@+id/teksnama" />
</RelativeLayout>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <TextView
        android:id="@+id/tekssatuan"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_centerVertical="true"
        android:text="Satuan Barang"
        android:textSize="20sp" />

    <EditText
        android:id="@+id/editsatuan"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_toRightOf="@+id/tekssatuan" />
</RelativeLayout>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <TextView
        android:id="@+id/teksharga"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
```

```
            android:layout_centerVertical="true"
            android:text="Harga Barang"
            android:textSize="20sp" />

        <EditText
            android:id="@+id/editharga"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_toRightOf="@+id/teksharga" />
    </RelativeLayout>
    <RelativeLayout
        android:layout_width="match_parent"
        android:gravity="center"
        android:layout_height="wrap_content">

        <Button
            android:id="@+id/tombolsave"
            android:layout_width="180dp"
            android:layout_height="wrap_content"
            android:text="save"
            android:textSize="20sp" />

        <Button
            android:id="@+id/tombolview"
            android:layout_width="180dp"
            android:layout_height="wrap_content"
            android:layout_toRightOf="@+id/tombolsave"
            android:text="view"
            android:textSize="20sp" />
    </RelativeLayout>
</LinearLayout>
```

2. DatabaseHelper.java

```
package com.example.projekseninpagi;
```

```
import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;
import android.widget.EditText;

import androidx.annotation.Nullable;

public class DatabaseHelper extends SQLiteOpenHelper {
    public final static String NAMA_DATA_BASE="STOK_BRG";
    public final static String NAMA_TABLE="BARANG";

    public final static String fiel01="kode";
    public final static String fiel02="nama_brg";
    public final static String fiel03="satuan";
    public final static String fiel04="harga";

    public DatabaseHelper(Context context) {
        super(context, NAMA_DATA_BASE, null, 1);
        SQLiteDatabase db=this.getWritableDatabase();
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL("create table "+NAMA_TABLE+"(kode text primary key," +
                "nama_brg text," +
                "satuan text," +
                "harga text)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int i, int i1) {
        db.execSQL("DROP TABLE IF EXISTS "+NAMA_TABLE);
        onCreate(db);
    }


    public void entri_data(String kode, String nama, String satuan, String
harga) {
        SQLiteDatabase db=this.getWritableDatabase();
        ContentValues contentValues=new ContentValues();
        contentValues.put(fiel01,kode);
        contentValues.put(fiel02,nama);
        contentValues.put(fiel03,satuan);
        contentValues.put(fiel04,harga);
        db.insert(NAMA_TABLE,null,contentValues);
    }

    public Cursor baca_data() {
        SQLiteDatabase db=this.getReadableDatabase();
        Cursor cur=db.rawQuery("select * from "+NAMA_TABLE,null);
        return cur;}
```

3.BacaSqlite.java

```
package com.example.projekseninpagi;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import android.content.Intent;
import android.database.Cursor;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

import java.util.ArrayList;

public class BacaSqlite extends AppCompatActivity {
    Button btninput;
    RecyclerView recyclerView_barang;
    ArrayList<ModelBarang> barangArrayList=new ArrayList<>();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_baca_sqlite);
        recyclerView_barang=findViewById(R.id.recyclerview_brg);
        btninput=findViewById(R.id.buttonentry);
        DatabaseHelper dbh= new DatabaseHelper(this);
        String kode="a1112";
        String nama="kopi abc";
        String satuan="sachet";
        String harga="3000";
        dbh.entri_data(kode,nama,satuan,harga);

        Cursor cursor=dbh.baca_data();

       // Toast.makeText(this, "Jumlah\t"+cursor.getCount(),
Toast.LENGTH_LONG).show();
        cursor.moveToPrevious();
        while (cursor.moveToNext()){
            barangArrayList.add(new ModelBarang(cursor.getString(0),
                                                cursor.getString(1),
                                                cursor.getString(2),
                                                cursor.getString(3)));    }
        AdapterBarang adapterBarang=new AdapterBarang(this,barangArrayList);
        recyclerView_barang.setAdapter(adapterBarang);
        recyclerView_barang.setLayoutManager(new LinearLayoutManager(this));


        btninput.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent=new
Intent(BacaSqlite.this,Entry_Data_Barang.class);
                startActivity(intent);
        }  });     }
}
```

4.Entry_Data_Barang.java

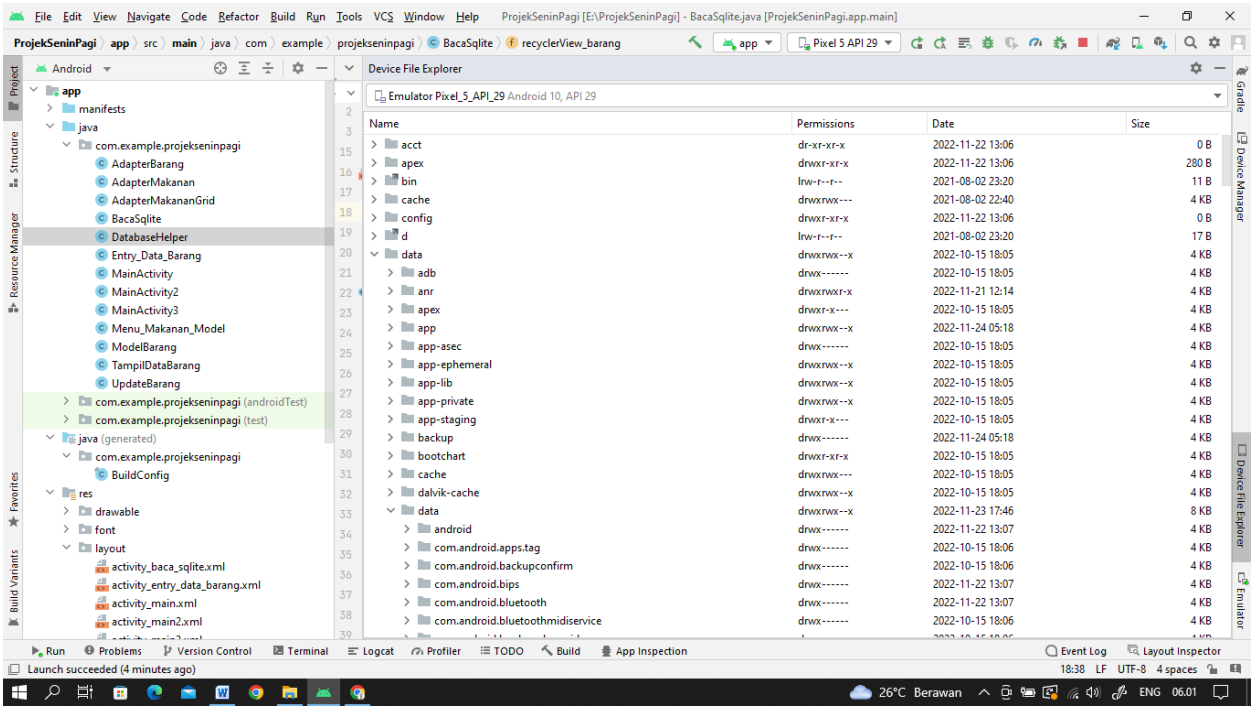
```
package com.example.projekseninpagi;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class Entry_Data_Barang extends AppCompatActivity implements
View.OnClickListener {
    EditText ekode,enama,esatuan,eharga;
    Button btnsimpan,btnview;
    DatabaseHelper dbh;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_entry_data_barang);

        dbh=new DatabaseHelper(this);

        ekode=findViewById(R.id.editkode);
        enama=findViewById(R.id.editnama);
        esatuan=findViewById(R.id.editsatuan);
        eharga=findViewById(R.id.editharga);

        btnsimpan=findViewById(R.id.tombolsave);
        btnview=findViewById(R.id.tombolview);
        btnsimpan.setOnClickListener(this);
        btnview.setOnClickListener(this);
    }

    @Override
    public void onClick(View view) {
        if(view.getId()==R.id.tombolsave){
            String kode=ekode.getText().toString();
            String nama=enama.getText().toString();
            String satuan=esatuan.getText().toString();
            String harga=eharga.getText().toString();
            dbh.entri_data(kode,nama,satuan,harga);
            ekode.setText("");enama.setText("");
            esatuan.setText("");eharga.setText("");


        }else{
            Intent intent=new
Intent(Entry_Data_Barang.this,BacaSqlite.class);
            startActivity(intent);

        }

    }
}
```

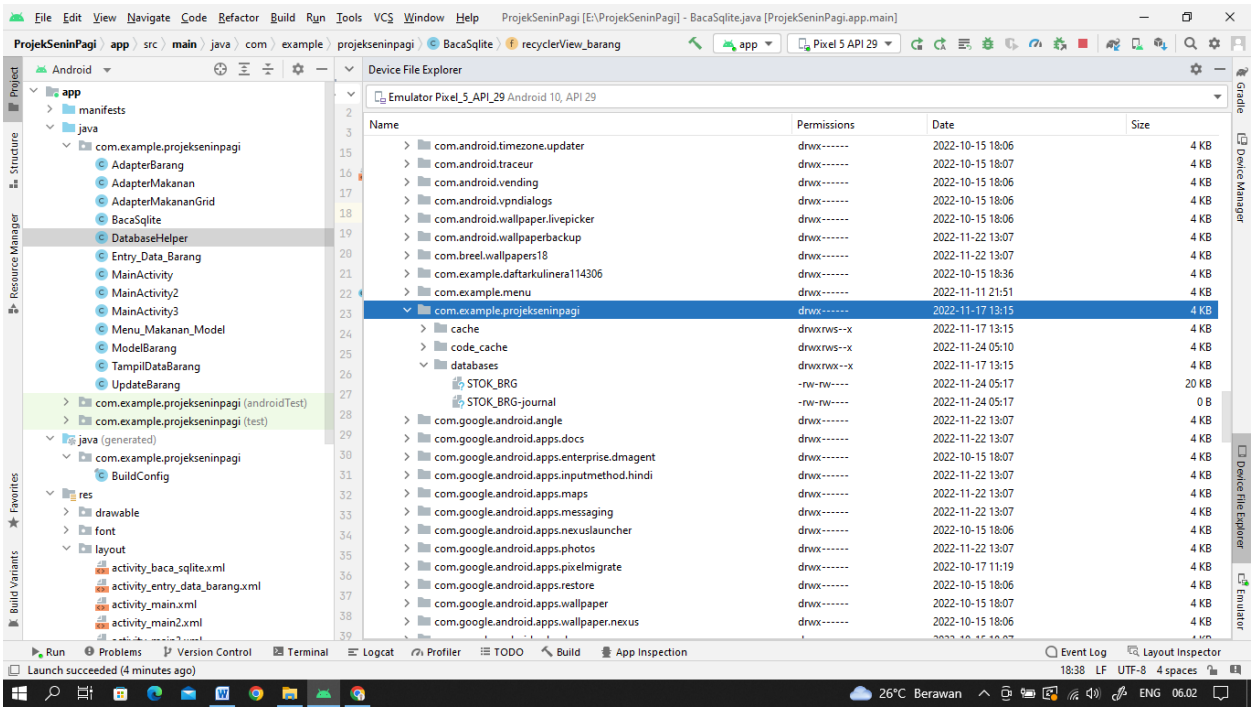
5. AdapterBarang.java

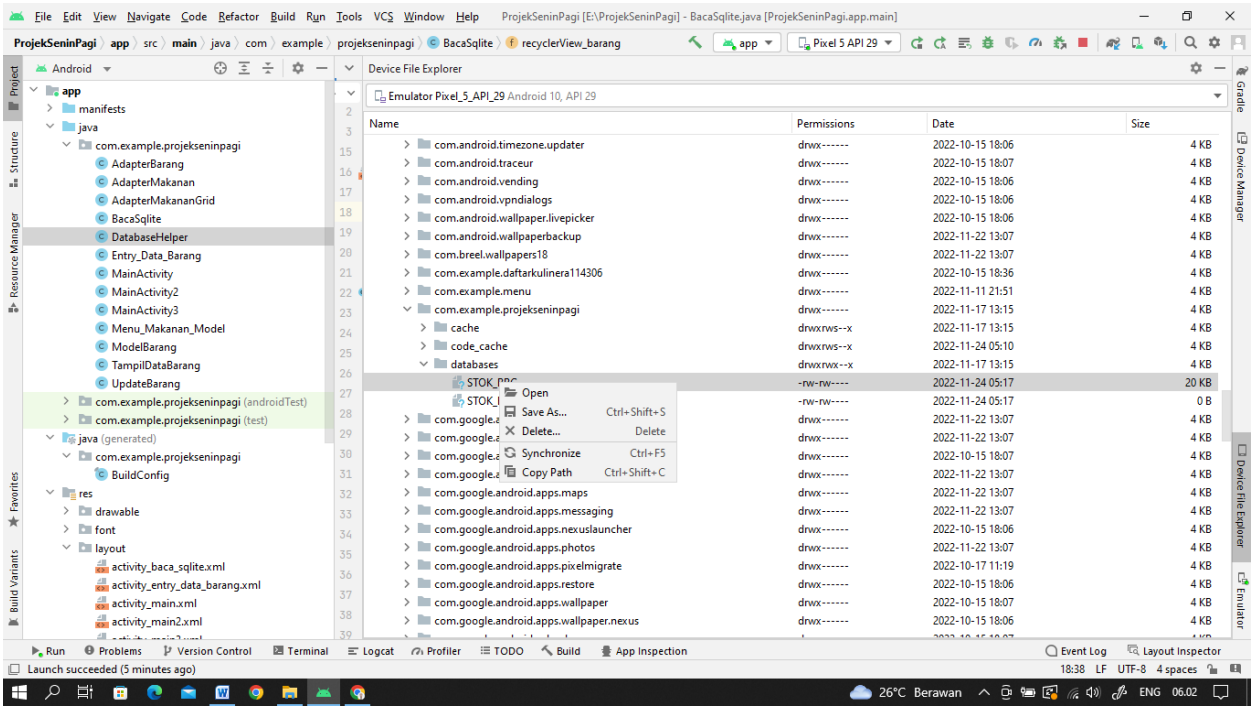
```
package com.example.projekseninpagi;

import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.RelativeLayout;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

import java.util.ArrayList;

public class AdapterBarang extends
RecyclerView.Adapter<AdapterBarang.myViewHolder> {
    Context context;
    ArrayList<ModelBarang> barangArrayList;

    public AdapterBarang(Context context, ArrayList<ModelBarang>
barangArrayList) {
        this.context = context;
        this.barangArrayList = barangArrayList;
    }

    @NonNull
    @Override
    public myViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int
viewType) {
        LayoutInflater inflater=LayoutInflater.from(context);
        View
view=inflater.inflate(R.layout.format_tampilan_barang,parent,false);
        return new AdapterBarang.myViewHolder(view);
    }

    @Override
    public void onBindViewHolder(@NonNull myViewHolder holder, int position)
{
        holder.ckode.setText(barangArrayList.get(position).kode);
        holder.cnama.setText(barangArrayList.get(position).nama_brg);
        holder.csatuan.setText(barangArrayList.get(position).satuan);
        holder.charga.setText(barangArrayList.get(position).harga);
        //holder.ckode.setOnClickListener(new View.OnClickListener()
        holder.akurela.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View view) {
                Intent intent=new Intent(context,UpdateBarang.class);
                intent.putExtra("kodene",barangArrayList.get(position).kode);

intent.putExtra("namane",barangArrayList.get(position).nama_brg);

intent.putExtra("satuane",barangArrayList.get(position).satuan);

intent.putExtra("hargane",barangArrayList.get(position).harga);
```

```
                context.startActivity(intent);
            }
        });

    }

    @Override
    public int getItemCount() {
        return barangArrayList.size();
    }

    public class myViewHolder extends RecyclerView.ViewHolder {
        TextView ckode,cnama,csatuan,charga;
        RelativeLayout akurela;
        public myViewHolder(@NonNull View itemView) {
            super(itemView);
            ckode=itemView.findViewById(R.id.kodebrg);
            cnama=itemView.findViewById(R.id.namabrg);
            csatuan=itemView.findViewById(R.id.satuanbrg);
            charga=itemView.findViewById(R.id.hargabrg);
            akurela=itemView.findViewById(R.id.rela01);
        }
    }
}
```

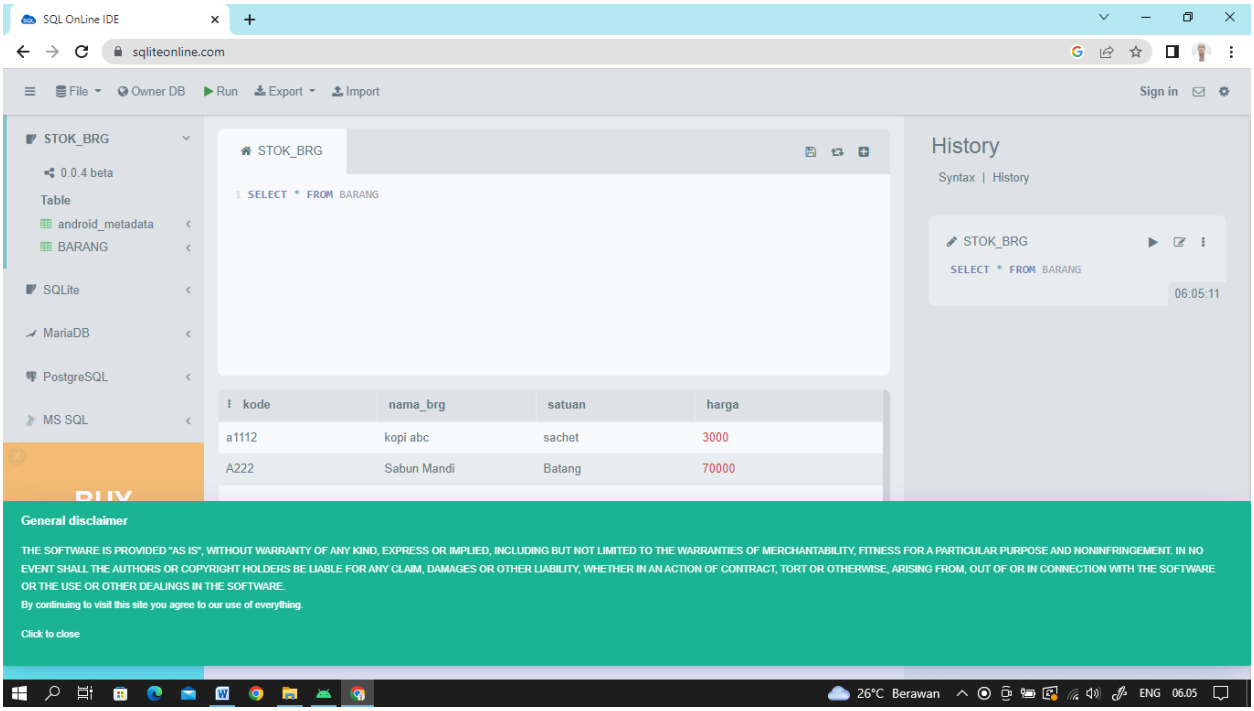
Device File Explore







Sqlite online


SQL OnLine IDE
sqliteonline.com
File
Owner DB
Run
Export
Import
Sign in
STOK_BRG
0.0.4 beta
Table
android_metadata
BARANG
SQLite
MariaDB
PostgreSQL
MS SQL
STOK_BRG
1 SELECT * FROM BARANG
History
Syntax | History
STOK_BRG
SELECT * FROM BARANG
06:05:11
kode
nama_brg
satuan
harga
a1112
kopi abc
sachet
3000
A222
Sabun Mandi
Batang
70000
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