Teoría clase

Código clase ClsOpenHelper

public class ClsOpenHelper extends SQLiteOpenHelper {  
 public ClsOpenHelper(@Nullable Context context, @Nullable String name, @Nullable SQLiteDatabase.CursorFactory factory, int version) {  
 super(context, name, factory, version);  
 }  
  
 @Override  
 public void onCreate(SQLiteDatabase sqLiteDatabase) {  
 sqLiteDatabase.execSQL("create table TblVehiculo(placa text primary key," +  
 "marca text not null,modelo text not null,valor integer not null," +  
 "activo text not null default 'si')");  
 sqLiteDatabase.execSQL("create table TblFactura(cod\_factura text primary key, " +  
 "fecha text not null,placa text not null," +  
 "activo text not null default 'si', " +  
 "constraint pk\_factura foreign key (placa) references TblVehiculo(placa))");  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase sqLiteDatabase, int i, int i1) {  
 sqLiteDatabase.execSQL("DROP TABLE TblVehiculo");{  
 onCreate(sqLiteDatabase);  
 }  
 sqLiteDatabase.execSQL("DROP TABLE TblFactura");{  
 onCreate(sqLiteDatabase);  
 }  
 }

Codigo Activity\_Main

<?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:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <Button  
 android:layout\_marginTop="250dp"  
 android:id="@+id/btvehiculo"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="300dp"  
 android:textSize="30dp"  
 android:text="Vehiculo"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <Button  
 android:layout\_marginTop="50dp"  
 android:id="@+id/btfactura"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="300dp"  
 android:textSize="30dp"  
 android:text="Factura"  
 android:layout\_gravity="center\_horizontal"/>  
</LinearLayout>

Código Java MainActivity.java

public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
  
 public void Vehiculo(View view){  
 Intent intvehiculo=new Intent(this,VehiculoActivity.class);  
 startActivity(intvehiculo);  
 }  
  
 public void Factura(View view){  
 Intent intfactura=new Intent(this,FacturaActivity.class);  
 startActivity(intfactura);  
 }  
}

Activity Vehiculo

Código Xml

<?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:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".VehiculoActivity">  
  
 <TextView  
 android:layout\_marginTop="20dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Vehiculo"  
 android:textSize="25dp"  
 android:gravity="center\_horizontal"/>  
  
 <TextView  
 android:layout\_marginTop="5dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Placa"  
 android:textSize="20dp"  
 android:gravity="center\_horizontal"/>  
  
 <EditText  
 android:layout\_marginTop="5dp"  
 android:id="@+id/etplaca"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:textSize="20dp"  
 android:hint="p.e. AAA-111"  
 android:inputType="textPersonName"  
 android:gravity="center\_horizontal"/>  
  
 <TextView  
 android:layout\_marginTop="5dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Marca"  
 android:textSize="20dp"  
 android:gravity="center\_horizontal"/>  
  
 <EditText  
 android:layout\_marginTop="5dp"  
 android:id="@+id/etmarca"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:textSize="20dp"  
 android:hint="p.e. Chevrolet"  
 android:inputType="textPersonName"  
 android:gravity="center\_horizontal"/>  
  
 <TextView  
 android:layout\_marginTop="5dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Modelo"  
 android:textSize="20dp"  
 android:gravity="center\_horizontal"/>  
  
 <EditText  
 android:layout\_marginTop="5dp"  
 android:id="@+id/etmodelo"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:textSize="18dp"  
 android:hint="p.e. 2022"  
 android:inputType="number"  
 android:gravity="center\_horizontal"/>  
  
 <TextView  
 android:layout\_marginTop="5dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Valor"  
 android:textSize="20dp"  
 android:gravity="center\_horizontal"/>  
  
 <EditText  
 android:layout\_marginTop="10dp"  
 android:id="@+id/etvalor"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:textSize="18dp"  
 android:hint="p.e. 50000000"  
 android:inputType="number"  
 android:gravity="center\_horizontal"/>  
  
 <CheckBox  
 android:id="@+id/cbactivo"  
 android:layout\_marginTop="10dp"  
 android:layout\_width="300dp"  
 android:checked="false"  
 android:textSize="20dp"  
 android:layout\_height="wrap\_content"  
 android:text=" Activo" />  
  
 <Button  
 android:layout\_marginTop="10dp"  
 android:id="@+id/btguardar"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="200dp"  
 android:textSize="18dp"  
 android:text="Guardar"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <Button  
 android:layout\_marginTop="5dp"  
 android:id="@+id/btconsultar"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="200dp"  
 android:textSize="20dp"  
 android:text="Consultar"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <Button  
 android:layout\_marginTop="5dp"  
 android:id="@+id/btanular"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="200dp"  
 android:textSize="18dp"  
 android:text="Anular"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <Button  
 android:layout\_marginTop="5dp"  
 android:id="@+id/btcancelar"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="200dp"  
 android:textSize="18dp"  
 android:text="Cancelar"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <Button  
 android:layout\_marginTop="5dp"  
 android:id="@+id/btregresar"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="200dp"  
 android:textSize="18dp"  
 android:text="Regresar"  
 android:layout\_gravity="center\_horizontal"/>  
  
</LinearLayout>

Código Java

public class VehiculoActivity extends AppCompatActivity {  
  
 EditText jetplaca,jetmarca,jetmodelo,jetvalor;  
 CheckBox jcbactivo;

ClsOpenHelper admin=new ClsOpenHelper (this,"Concesionario.db", null,1);  
 long resp;

int sw;

@Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_vehiculo*);  
  
 //Ocultar titulo por defecto y asociar objetos Java con Xml  
 getSupportActionBar().hide();  
 jetplaca=findViewById(R.id.*etplaca*);  
 jetmarca=findViewById(R.id.*etmarca*);  
 jetmodelo=findViewById(R.id.*etmodelo*);  
 jetvalor=findViewById(R.id.*etvalor*);  
 jcbactivo=findViewById(R.id.*cbactivo*);

sw=0;  
 }  
  
 public void Guardar(View view){  
 String placa,marca,modelo,valor;  
 placa=jetplaca.getText().toString();  
 marca=jetmarca.getText().toString();  
 modelo=jetmodelo.getText().toString();  
 valor=jetvalor.getText().toString();  
 if (placa.isEmpty() || marca.isEmpty() ||  
 modelo.isEmpty() || valor.isEmpty()){  
 Toast.*makeText*(this, "Todos los datos son requeridos", Toast.*LENGTH\_SHORT*).show();  
 jetplaca.requestFocus();  
 }  
 else{  
 SQLiteDatabase db=admin.getWritableDatabase();  
 ContentValues registro=new ContentValues();  
 registro.put("placa",placa);  
 registro.put("marca",marca);  
 registro.put("modelo",modelo);  
 registro.put("valor",Integer.*parseInt*(valor));  
 if (sw == 0)  
 resp=db.insert("TblVehiculo",null,registro);  
 else {  
 resp = db.update("TblVehiculo", registro, "placa='" + placa + "'", null);  
 sw=0;  
 }

if (resp > 0){  
 Toast.*makeText*(this, "Registro guardado", Toast.*LENGTH\_SHORT*).show();  
 Limpiar\_campos();  
 }  
 else  
 Toast.*makeText*(this, "Error guardando registro", Toast.*LENGTH\_SHORT*).show();  
 db.close();  
 }

}

public void Consultar(View view){  
 placa=jetplaca.getText().toString();  
 if (placa.isEmpty()){  
 Toast.*makeText*(this, "La placa es requerida", Toast.*LENGTH\_SHORT*).show();  
 jetplaca.requestFocus();  
 }  
 else{  
 SQLiteDatabase db=admin.getReadableDatabase();  
 Cursor fila=db.rawQuery("select \* from TblVehiculo where placa='" + placa + "'",null);  
 if (fila.moveToNext()){

sw=1;  
 jetmarca.setText(fila.getString(1));  
jetmodelo.setText(fila.getString(2));  
jetvalor.setText(fila.getString(3));  
if(fila.getString(4).equals("si"))  
 jcbactivo.setChecked(true);  
else  
 jcbactivo.setChecked(false);

}  
 else  
 Toast.*makeText*(this, "Vehiculo no registrado", Toast.*LENGTH\_SHORT*).show();  
 db.close();  
 }  
}

public void Anular(View view){  
 if (sw==0){  
 Toast.*makeText*(this, "Primero debe consultar", Toast.*LENGTH\_SHORT*).show();  
 jetplaca.requestFocus();  
 }  
 else{  
 SQLiteDatabase db=admin.getWritableDatabase();  
 ContentValues registro=new ContentValues();  
 registro.put("activo","no");  
 resp=db.update("TblVehiculo",registro,"placa='" + placa + "'",null);  
 if (resp > 0){  
 Toast.*makeText*(this, "Registro anulado", Toast.*LENGTH\_SHORT*).show();  
 Limpiar\_campos();  
 }  
 else  
 Toast.*makeText*(this, "Error anulando registro", Toast.*LENGTH\_SHORT*).show();  
 db.close();  
 }  
}

public void Cancelar(View view){  
 Limpiar\_campos();  
}  
  
public void Regresar(View view){  
 Intent intmain=new Intent(this,MainActivity.class);  
 startActivity(intmain);  
}

private void Limpiar\_campos(){  
 jetplaca.setText("");  
 jetvalor.setText("");  
 jetmodelo.setText("");  
 jetmarca.setText("");  
 jcbactivo.setChecked(false);  
 jetplaca.requestFocus();

sw=0;  
}

}

Explicación Select

"select \* from TblVehiculo where placa='" + placa + "'"

Solo se colocan apostrofes cuando los datos a buscar son texto