B1:tao database

public class Database extends SQLiteOpenHelper {

public static final String *Database*="XXX";  
 public static final String *LopHoc*="Create Table LopHoc(maLop Integer primary key autoincrement,tenLop text)";  
 public static final String *SinhVien*="Create Table SinhVien(maSV text primary key,tenSV text,ngaySinh text,maLop Integer,foreign key(maLop) references LopHoc(maLop))";

String ChiTiet="Create Table If not exists ChiTiet(maSanPham text,maHoaDon text,soLuong int,primary key(maSanPham,maHoaDon))";

public Database(Context context) {  
 super(context,*Database*,null,1);  
 }  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 db.execSQL(*LopHoc*);  
 db.execSQL(*SinhVien*);  
 String lh="Insert into LopHoc Values(1,'DHKTPM11A')";  
 String sv="Insert into SinhVien Values('MSV123','Suong','12/2/1997',1)";  
 db.execSQL(lh);  
}

B2:Lay danh sach

public ArrayList<LopHoc> getAllDanhSach()  
{  
 SQLiteDatabase db=getWritableDatabase();  
 String sql="Select \* from LopHoc";  
 ArrayList<LopHoc> ds=new ArrayList<>();  
 Cursor cursor=db.rawQuery(sql,null);  
 if(cursor.moveToFirst())  
 {  
 do {  
 LopHoc lh=new LopHoc();  
 lh.setMa(cursor.getInt(0));  
 lh.setTen(cursor.getString(1));  
 ds.add(lh);  
 }while (cursor.moveToNext());  
 }  
 return ds;  
}

b3:Xoa

public int Delete(String ma)  
{  
 SQLiteDatabase db=getWritableDatabase();  
 return db.delete("LopHoc","maLop=?",new String[]{ma});  
}

b4:Sua

public int Update(LopHoc lh)  
{  
 SQLiteDatabase db=getWritableDatabase();  
 ContentValues values=new ContentValues();  
 values.put("tenLop",lh.getTen());  
 values.put("maLop",lh.getMa());  
 return db.update("LopHoc",values,"maLop=?",new String[]{String.*valueOf*(lh.getMa())});  
}

B5:Tim kiem

public ArrayList<LopHoc> TimKiem(String m)  
{  
 SQLiteDatabase db=getWritableDatabase();  
 ArrayList<LopHoc> ds=new ArrayList<>();  
 Cursor cursor=db.rawQuery("Select \* from LopHoc where maLop=?",new String[]{m});  
 if(cursor.moveToFirst())  
 {  
 do {  
 LopHoc lh=new LopHoc();  
 lh.setMa(cursor.getInt(0));  
 lh.setTen(cursor.getString(1));  
 ds.add(lh);  
 }while (cursor.moveToNext());  
 }  
 return ds;  
  
}

b6:Them

public void AddSv(SinhVien sv)  
{  
 SQLiteDatabase db=getWritableDatabase();  
 ContentValues contentValues=new ContentValues();  
 contentValues.put("maSV",sv.getMa());  
 contentValues.put("tenSV",sv.getTen());  
 contentValues.put("ngaySinh",sv.getNgay());  
 contentValues.put("maLop",sv.getMaLop());  
 db.insert("SinhVien",null,contentValues);  
  
}

Custom\_Adapter:

public class Custom\_SinhVien extends ArrayAdapter<SinhVien> {  
 private Context context;  
 private int resource;  
 private ArrayList<SinhVien> ds;  
 public Custom\_SinhVien(@NonNull Context context, int resource, @NonNull ArrayList<SinhVien> objects) {  
 super(context, resource, objects);  
 this.context=context;  
 this.resource=resource;  
 this.ds=objects;  
 }  
 @NonNull  
 @Override  
 public View getView(int position, @Nullable View convertView, @NonNull ViewGroup parent) {  
 convertView= LayoutInflater.*from*(context).inflate(R.layout.*item\_sinhvien*,parent,false);  
 TextView maSv=convertView.findViewById(R.id.*maSV*);  
 TextView tenSV=convertView.findViewById(R.id.*tenSV*);  
 TextView ngaySv=convertView.findViewById(R.id.*ngaySV*);  
 TextView maLop=convertView.findViewById(R.id.*lopSV*);  
 maSv.setText(ds.get(position).getMa()+"");  
 tenSV.setText(ds.get(position).getTen()+"");  
 ngaySv.setText(ds.get(position).getNgay()+"");  
 maLop.setText(ds.get(position).getMaLop()+"");  
  
 return convertView;  
  
Kiem tra so vs chu:

try {  
 Integer.*parseInt*(t);  
} catch (NumberFormatException e) {  
 check=false;  
}

if(t.matches("^[a-z A-Z]{1,50}$"))  
{  
 check=true;  
}  
else  
{  
 check=false;  
}

+TaoNgay

chon.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 date=new DatePickerDialog(QuanLySinhVien.this, new DatePickerDialog.OnDateSetListener() {  
 @Override  
 public void onDateSet(DatePicker view, int year, int month, int dayOfMonth) {  
 ngaySinh.setText(dayOfMonth+"/"+month+"/"+year);  
 }  
 },2018,2,2);  
 date.show();  
 }  
});

Spinner:

ArrayList<String> string=new ArrayList<>();  
for(int i=0;i<lh.size();i++)  
{  
 string.add(lh.get(i).getMa()+"");  
}  
final ArrayAdapter<String> adt1=new ArrayAdapter<>(this,R.layout.*support\_simple\_spinner\_dropdown\_item*,string);  
spinner.setAdapter(adt1);

//context mewnu:

B1:Tao menu + xml:

<menu xmlns:android="http://schemas.android.com/apk/res/android">  
 <item android:title="Xoa" android:id="@+id/xoa">  
  
 </item>  
</menu>

B2:Set lst cua listview

registerForContextMenu(lst);

B3:Viet ham set

@Override  
public void onCreateContextMenu(ContextMenu menu, View v, ContextMenu.ContextMenuInfo menuInfo) {  
 super.onCreateContextMenu(menu, v, menuInfo);  
 MenuInflater menuInflater=getMenuInflater();  
 menuInflater.inflate(R.menu.*context\_menu*,menu);  
}

B4:Viet ham lam du lieu

@Override  
public boolean onContextItemSelected(MenuItem item) {  
 final AdapterView.AdapterContextMenuInfo info= (AdapterView.AdapterContextMenuInfo) item.getMenuInfo();  
 switch (item.getItemId())  
 {  
 case R.id.*sua*:  
 final Dialog dialog=new Dialog(this);  
 dialog.setContentView(R.layout.*item\_sua*);  
 Toast.*makeText*(this, "Sua", Toast.*LENGTH\_SHORT*).show();  
 final EditText ma=dialog.findViewById(R.id.*MaLop*);  
 final EditText ten=dialog.findViewById(R.id.*TenLop*);  
 final Button s=(Button) dialog.findViewById(R.id.*Sua*);  
 ma.setText(arrLopHoc.get(info.position).getMaLop()+"");  
 ten.setText(arrLopHoc.get(info.position).getTen()+"");  
  
 s.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 LopHoc lh=new LopHoc();  
 lh.setMaLop(Integer.*parseInt*(ma.getText()+""));  
 lh.setTen(ten.getText()+"");  
 int kq=db.Update(lh);  
 if(kq>0)  
 {  
 Toast.*makeText*(MainActivity.this, "Sua thanh cong", Toast.*LENGTH\_SHORT*).show();  
 Load();  
 dialog.dismiss();  
 }  
 }  
 });  
  
 dialog.show();  
 return true;

}

}