

### Activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
    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"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <EditText
            android:id="@+id/editTextTextPersonName"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:text="Name" />

        <EditText
            android:id="@+id/editTextTextPersonName2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:text="Place" />

        <Button
            android:id="@+id/button"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="insert" />

        <Button
            android:id="@+id/button2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="move to first" />

        <Button
            android:id="@+id/button3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="move to next" />

        <Button
            android:id="@+id/button4"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="display all" />

        <Button
            android:id="@+id/button5"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="delete" />
    </LinearLayout>
</android.support.constraint.ConstraintLayout>
```

## Main\_Activity.java

```
package com.example.ex5_002;

import android.content.Context;
import android.content.Intent;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    EditText e1, e2;
    Button b1, b2,b3,b4,b5;
    SQLiteDatabase db;
    String n,p;
    Cursor c,data;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        e1=(EditText)findViewById(R.id.editTextTextPersonName);
        e2=(EditText)findViewById(R.id.editTextTextPersonName2);
        b1=(Button)findViewById(R.id.button);
        b2=(Button) findViewById(R.id.button2);
        b3=(Button)findViewById(R.id.button3);
        b4=(Button)findViewById(R.id.button4);
        b5=(Button)findViewById(R.id.button5);
        db=openOrCreateDatabase("Student", Context.MODE_PRIVATE, null);
        db.execSQL("CREATE TABLE IF NOT EXISTS nametb ( name VARCHAR,
place VARCHAR)");
        c=db.rawQuery("SELECT * FROM nametb;",null);
        data=db.rawQuery("SELECT * FROM nametb;",null);

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                db.execSQL("INSERT INTO nametb VALUES ('" +
e1.getText().toString() + "','" + e2.getText().toString() + "')");
                Toast.makeText(MainActivity.this, "Insert Success",
Toast.LENGTH_SHORT).show();
            }
        });
        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                c.moveToFirst();
                n=c.getString(0);
                p=c.getString(1);
                Intent i= new
Intent(getApplicationContext(),MainActivity2.class);
                Bundle bun=new Bundle();
                bun.putString("na",n);
                bun.putString("pl",p);
                i.putExtras(bun);
                startActivity(i);
            }
        });
    }
}
```

```

    }
    });
    b3.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            c.moveToNext();
            n=c.getString(0);
            p=c.getString(1);
            Intent i= new
Intent(getApplicationContext(),MainActivity2.class);
            Bundle bun=new Bundle();
            bun.putString("na",n);
            bun.putString("pl",p);
            i.putExtras(bun);
            startActivity(i);
        }
    });
    b4.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            if (data.getCount() == 0) {
                showDialogWithDbData("Error", "No data found");
            } else {
                // String appending
                StringBuilder stringBuilder = new StringBuilder();
                while (data.moveToNext()) {
                    stringBuilder.append("Name:
").append(data.getString(0)).append("\n");
                    stringBuilder.append("Place:
").append(data.getString(1)).append("\n");
                }
                // Show all data in Alert Dialog
                showDialogWithDbData("Data",
stringBuilder.toString());
            }
        }
    });
    b5.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            db.execSQL("DELETE FROM nametb WHERE place='" +
e2.getText()+"'");
            Toast.makeText(MainActivity.this, "DELETE Success",
Toast.LENGTH_SHORT).show();
        }
    });

}

public void showDialogWithDbData(String title, String message) {
    AlertDialog.Builder builder = new AlertDialog.Builder(this);
    builder.setCancelable(true);
    builder.setTitle(title);
    builder.setMessage(message);
    builder.show();
}
}

```

### Activity\_main2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
    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"
    tools:context=".MainActivity2">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <TextView
            android:id="@+id/textView"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="TextView" />

        <TextView
            android:id="@+id/textView2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="TextView" />
    </LinearLayout>
</android.support.constraint.ConstraintLayout>
```

### Main\_Activity2.java

```
package com.example.ex5_002;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity {
    TextView t1,t2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        t1=(TextView)findViewById(R.id.textView);
        t2=(TextView)findViewById(R.id.textView2);
        Bundle b =getIntent().getExtras();
        t1.setText(b.getString("na"));
        t2.setText(b.getString("pl"));
    }
}
```

OUTPUT

