```
Name:Antra koul
Roll no:13
Subject: Mobile Computing
Sessional -2
Display.java:
package com.marraige;
import android.app.Activity;
import android.content.Context;
import android.content.Intent;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;
import android.widget.Toast;
public class display extends Activity {
  /** Called when the activity is first created. */
  SQLiteDatabase my_database;
       @Override
  public void onCreate(Bundle savedInstanceState) {
```

```
super.onCreate(savedInstanceState);
    setContentView(R.layout.second);
    createDatabase();
    display_records();
   final Button manipulate records=(Button)findViewById(R.id.button1);
    manipulate_records.setOnClickListener(new View.OnClickListener() {
                       public void onClick(View v) {
                              Intent intent = new
Intent(getApplicationContext(),MarraigeRegistrationActivity.class);
                              startActivity(intent);
                      }
               });
 }
       public void createDatabase() {
               my_database=openOrCreateDatabase("MarraigeTable",Context.MODE_PRIVATE, null);
               my database.execSQL("CREATE TABLE IF NOT EXISTS MARRIAGE(id INTEGER PRIMARY
KEY AUTOINCREMENT NOT NULL, bride VARCHAR, groom VARCHAR);");
               Toast.makeText(getApplicationContext(),"Table created successfully!",10000).show();
       }
       public void display_records(){
```

```
Cursor c = my_database.query("MARRIAGE", null, null, null, null, null, null);
    if(c != null){
        String record="";
        c.moveToFirst();
        do
        {
                record=record+c.getString(0)+"\t"+c.getString(1)+"\t"+c.getString(2)+"\n";
        }while(c.moveToNext());
        t.setText(record);
    }
        }
}
Marraige Registration Activity. java\\
package com.marraige;
import android.app.Activity;
import android.content.ContentValues;
import android.content.Context;
import android.content.Intent;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;
import android.view.View;
```

final TextView t = (TextView)findViewById(R.id.textView2);

```
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
public class MarraigeRegistrationActivity extends Activity {
 /** Called when the activity is first created. */
 SQLiteDatabase my_database;
       @Override
  public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.main);
    createDatabase();
    final Button add_record=(Button)findViewById(R.id.button1);
    add_record.setOnClickListener(new View.OnClickListener() {
                       public void onClick(View v) {
                               insertData();
                       }
               });
    final Button delete_record=(Button)findViewById(R.id.button2);
    delete_record.setOnClickListener(new View.OnClickListener() {
                       public void onClick(View v) {
```

```
deleteData();
                        }
               });
    final Button update_record=(Button)findViewById(R.id.button3);
    update_record.setOnClickListener(new View.OnClickListener() {
                        public void onClick(View v) {
                                updateData();
                        }
                });
    final Button display_record=(Button)findViewById(R.id.button4);
    display_record.setOnClickListener(new View.OnClickListener() {
                        public void onClick(View v) {
                                Intent intent = new Intent(getApplicationContext(),display.class);
                                Toast.makeText(getApplicationContext(), "display pressed!",
100000).show();
                                startActivity(intent);
                        }
                });
  }
```

```
public void createDatabase() {
               my_database=openOrCreateDatabase("MarraigeTable",Context.MODE_PRIVATE, null);
               my_database.execSQL("CREATE TABLE IF NOT EXISTS MARRIAGE(id INTEGER PRIMARY
KEY AUTOINCREMENT NOT NULL, bride VARCHAR, groom VARCHAR);");
               Toast.makeText(getApplicationContext(),"Table created successfully!",10000).show();
       }
        public void insertData()
       {
               final EditText e1=(EditText)findViewById(R.id.editText2);
               String bride=e1.getText().toString();
               final EditText e2=(EditText)findViewById(R.id.editText3);
               String groom=e2.getText().toString();
               ContentValues record = new ContentValues();
               record.put("bride",bride);
               record.put("groom", groom);
               long id = my_database.insert("MARRIAGE", null, record);
               Toast.makeText(getApplicationContext(), id+"", 100000).show();
       }
        public void updateData()
       {
               final EditText e3=(EditText)findViewById(R.id.editText1);
               String id=e3.getText().toString();
               final EditText e1=(EditText)findViewById(R.id.editText2);
               String bride=e1.getText().toString();
               final EditText e2=(EditText)findViewById(R.id.editText3);
               String groom=e2.getText().toString();
```

```
ContentValues record = new ContentValues();
             record.put("bride",bride);
             record.put("groom", groom);
             my_database.update("MARRIAGE", record, "id=?", new String[]{id});
             Toast.makeText(getApplicationContext(), "Record updated successfully!",
100000).show();
      }
      private void deleteData() {
             final EditText e1=(EditText)findViewById(R.id.editText1);
             String id=e1.getText().toString();
             my_database.delete("MARRIAGE", "id=?", new String[]{id});
             Toast.makeText(getApplicationContext(), "Record deleted!", 100000);
      }
}
Main.xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    android:orientation="vertical"
    android:layout width="fill parent"
    android:layout height="fill parent"
<TextView
    android:layout width="fill parent"
    android: layout height="wrap content"
    android:text="@string/hello"
    />
<TextView android:text="Enter ID:" android:id="@+id/textView1"
android:layout width="wrap content"
android:layout height="wrap content"></TextView>
<EditText android:layout height="wrap content" android:id="@+id/editText1"
android:layout width="match parent" android:inputType="textPersonName"
```

android:hint="enter ID....">

```
<requestFocus></requestFocus>
</EditText>
<TextView android:text="Enter bride name:" android:id="@+id/textView2"
android:layout width="wrap content"
android:layout height="wrap content"></TextView>
<EditText android:layout height="wrap content" android:id="@+id/editText2"
android:layout width="match parent" android:inputType="textPersonName"
android:hint="enter bride name"></EditText>
<TextView android:text="Enter groom name:" android:id="@+id/textView3"</pre>
android:layout width="wrap content"
<EditText android:layout height="wrap content" android:id="@+id/editText3"
android:layout width="match parent" android:inputType="textPersonName"
android:hint="enter groom name:"></EditText>
<Button android:text="Add record" android:id="@+id/button1"</pre>
android:layout width="wrap content"
android:layout height="wrap content"></Button>
<Button android:text="Delete record" android:id="@+id/button2"</pre>
android:layout width="wrap content"
android:layout height="wrap content"></Button>
<Button android:text="Update record" android:id="@+id/button3"</pre>
android:layout width="wrap content"
android:layout height="wrap content"></Button>
<Button android:text="Display records" android:id="@+id/button4"</pre>
android:layout width="wrap content"
android:layout height="wrap content"></Button>
</LinearLayout>
```

Second.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
  xmlns:android="http://schemas.android.com/apk/res/android"
  android:orientation="vertical"
  android:layout width="match parent"
  android:layout height="match parent" android:weightSum="1">
    <TextView android:text="Records" android:id="@+id/textView1"
android:layout width="wrap content"
android:layout height="wrap content"></TextView>
    <TextView android:layout height="wrap content" android:text="TextView"
android:id="@+id/textView2" android:layout weight="0.65"
android:layout width="match parent"></TextView>
    <Button android:text="manipulate records" android:id="@+id/button1"</pre>
android:layout width="wrap content"
android:layout height="wrap content"></Button>
</LinearLayout>
```

AndriodManifest.java

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
      package="com.marraige"
      android:versionCode="1"
      android:versionName="1.0">
    <uses-sdk android:minSdkVersion="8" />
    <application android:icon="@drawable/icon"</pre>
android:label="@string/app name">
        <activity android:name=".MarraigeRegistrationActivity"</pre>
                  android:label="@string/app name">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity android:name=".display"
                  android:label="@string/app name">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```



