

Hello World

ActivityMain.java

```
package com.example.helloworld;

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

public class MainActivity extends AppCompatActivity {

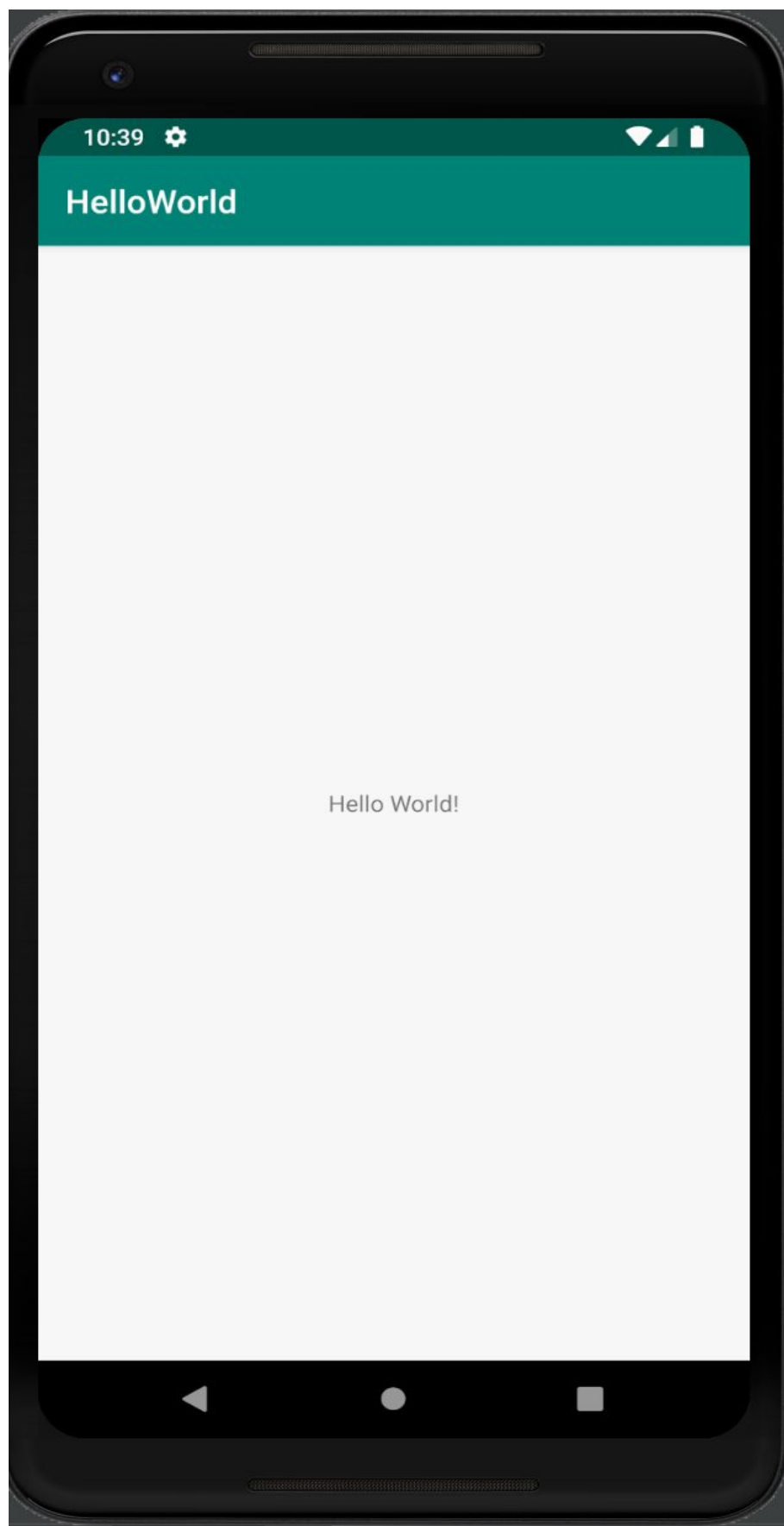
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```

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">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hello World!"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>
```



Menus, Dialogs, Button and UI

Main Activity

```
package com.example.shivansh.myapplication;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);
        openDialog();
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        MenuInflater inflater = getMenuInflater();
        inflater.inflate(R.menu.menu, menu);
        return true;
    }

    public void openDialog()
    {
        ExampleDialog example =new ExampleDialog();
        example.show(getSupportFragmentManager(),"example");
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch(item.getItemId())
        {
```



Activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout

    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:android="http://schemas.android.com/apk/res/android">
    <TextView
xmlns:android="http://schemas.android.com/apk/res/android"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hello World!"
        android:textStyle="bold|italic"
        android:layout_margin="20dp"/>

    <EditText
        android:id="@+id/editText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="Name"
        android:layout_margin="20dp"/>

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button"
        android:layout_margin="20dp"/>

    <RatingBar
        android:id="@+id/ratingBar"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

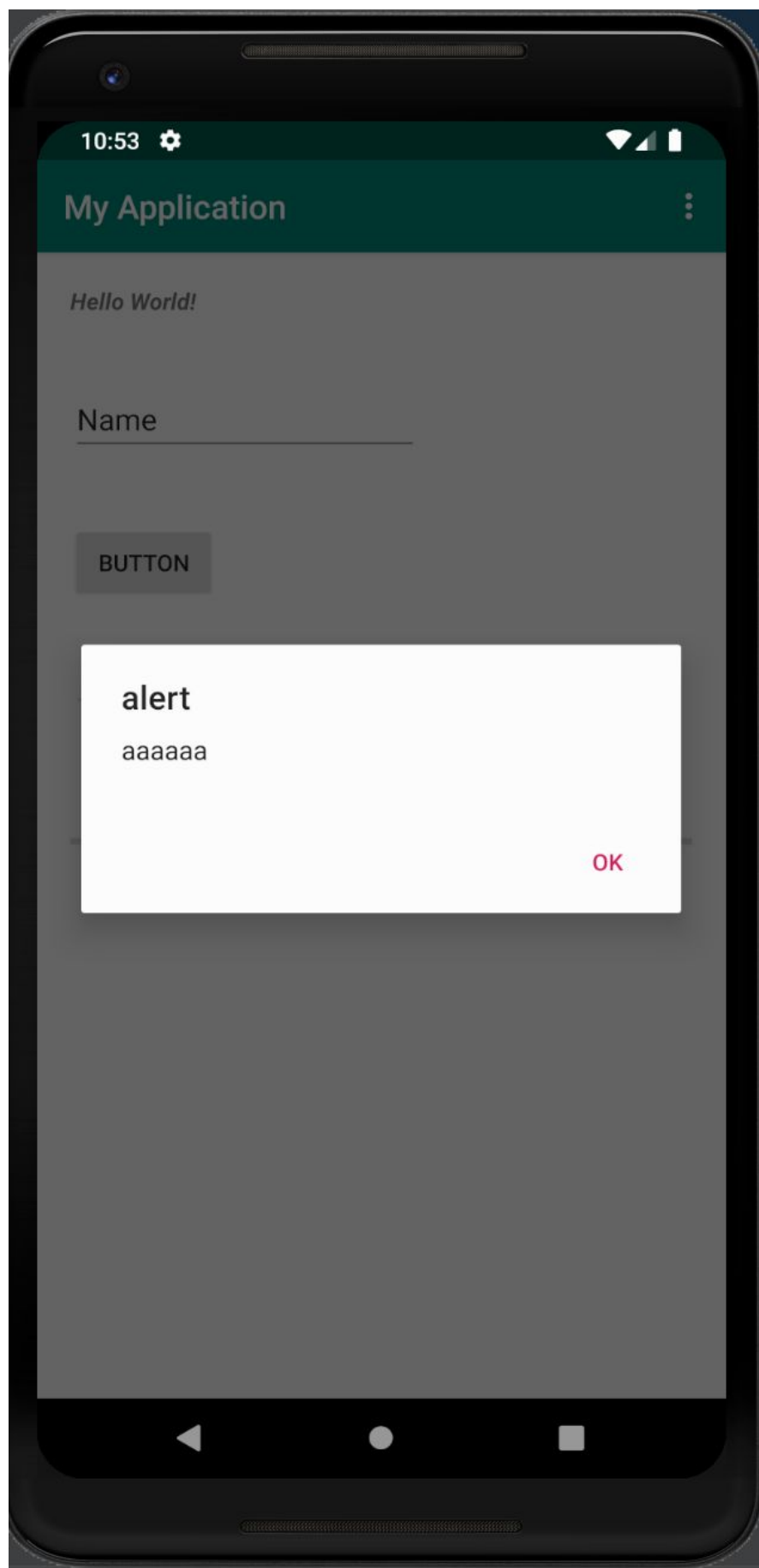
        android:layout_margin="20dp"/>
```

```
<SeekBar
    android:id="@+id/seekBar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"/>
```

```
</LinearLayout>
```

Menu.xml

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
<item android:title="Exit"
    android:id="@+id/anurag"/>
    <item android:title="Select"
        android:id="@+id/mayur"/>
</menu>
```



10:56



## My Application



*Hello World!*

Shivansh

BUTTON



Shivansh



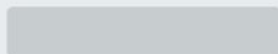
1 2 3 4 5 6 7 8 9 0  
q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ↵

?123

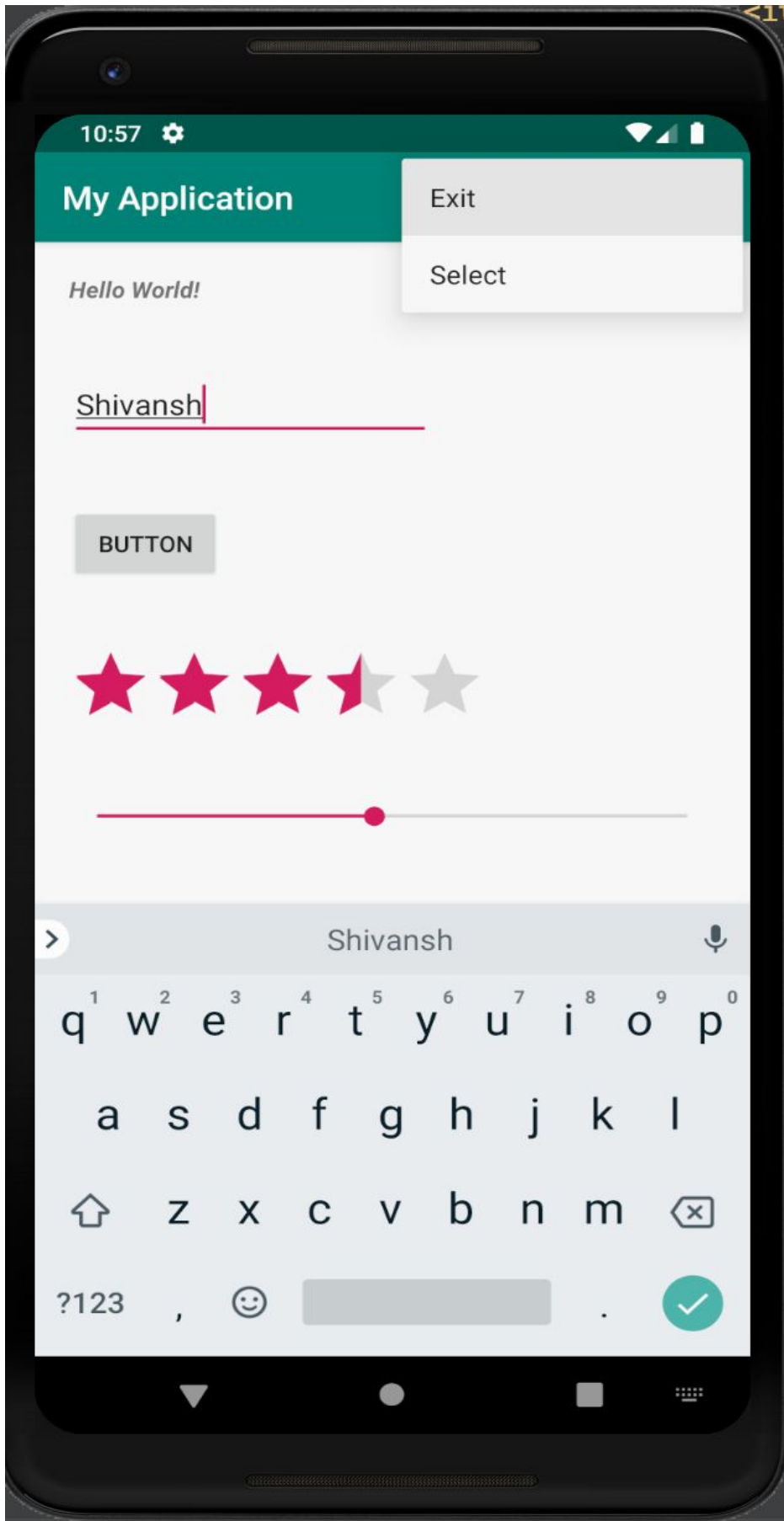
,



.







## CRUD Operations

```
import android.content.Intent;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class AddCourseTeachers extends AppCompatActivity {

    private Button btnStore;
    private EditText etcourse, etphone;

    private DatabaseHelperTeacher databaseHelperTeacher;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_add_course_teachers);

        databaseHelperTeacher = new DatabaseHelperTeacher(this);

        btnStore = (Button) findViewById(R.id.btnstore);
        final EditText etname = (EditText) findViewById(R.id.et_name);
        etcourse = (EditText) findViewById(R.id.et_course);
        final EditText etemail = (EditText)
findViewById(R.id.et_email);
        etphone = (EditText) findViewById(R.id.et_phone);

        btnStore.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                String name = etname.getText().toString();
                if (TextUtils.isEmpty(name)) {
                    etname.setError("Enter Name");
                    etname.requestFocus();
                }
            }
        });
    }
}
```

```

        return;
    }

    databaseHelperTeacher.addTeachersDetail(
        etname.getText().toString(),
        etcourse.getText().toString(),
        etemail.getText().toString(),
        etphone.getText().toString());

    etcourse.setText("");
    etphone.setText("");

    Toast.makeText(AddCourseTeachers.this, "Stored
Successfully!", Toast.LENGTH_SHORT).show();
    Intent intent = new
Intent(AddCourseTeachers.this, MainActivity.class);
    intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
    startActivity(intent);
    }
    });
}
}

```

## Custom Adapter

```

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

import java.util.ArrayList;

public class CustomAdapterTeacher extends BaseAdapter {

    private Context context;
    private ArrayList<TeachersModel> teachersModelArrayList;

```

```

    public CustomAdapterTeacher(Context context,
        ArrayList<TeachersModel> teachersModelArrayList) {

        this.context = context;
        this.teachersModelArrayList = teachersModelArrayList;
    }

    @Override
    public int getCount() {
        return teachersModelArrayList.size();
    }

    @Override
    public Object getItem(int position) {
        return teachersModelArrayList.get(position);
    }

    @Override
    public long getItemId(int position) {
        return 0;
    }

    @Override
    public View getView(int position, View convertView, ViewGroup
parent) {
        ViewHolder holder;

        if (convertView == null) {
            holder = new ViewHolder();
            LayoutInflater inflater = (LayoutInflater) context
                .getSystemService(Context.LAYOUT_INFLATER_SERVICE);
            convertView = inflater.inflate(R.layout.model_teachers,
                null, true);

            holder.tvname = (TextView)
                convertView.findViewById(R.id.teachers_name);
            holder.tvcourse = (TextView)
                convertView.findViewById(R.id.teachers_course);
            holder.tvemail = (TextView)
                convertView.findViewById(R.id.teachers_email);

```

```

        holder.tvphone = (TextView)
convertView.findViewById(R.id.teachers_phone);

        convertView.setTag(holder);
    }else {
        // the getTag returns the viewHolder object set as a tag
to the view
        holder = (ViewHolder)convertView.getTag();
    }

    holder.tvname.setText("Name:
"+teachersModelArrayList.get(position).getName());
    holder.tvcourse.setText("Course:
"+teachersModelArrayList.get(position).getCourse());
    holder.tvemail.setText("Email:
"+teachersModelArrayList.get(position).getEmail());

holder.tvphone.setText(""+teachersModelArrayList.get(position).getPho
ne());

    return convertView;
}

private class ViewHolder {

    protected TextView tvname, tvcourse, tvemail, tvphone;
}

```

DB Helper

```

public class DatabaseHelperTeacher extends SQLiteOpenHelper {

    public static String DATABASE_NAME = "teachers_data";
    private static final int DATABASE_VERSION = 1;
    private static final String TABLE_USER = "teachers";
    private static final String KEY_ID = "id";
    private static final String KEY_FIRSTNAME = "name";
    private static final String KEY_COURSE = "course";
    private static final String KEY_EMAIL = "email";
    private static final String KEY_PHONE = "phone";

    private static final String CREATE_TABLE_TEACHERS = "CREATE TABLE
"

```

```

        + TABLE_USER + "(" + KEY_ID
        + " INTEGER PRIMARY KEY AUTOINCREMENT," +
        KEY_FIRSTNAME + " TEXT NOT NULL, "+
        KEY_COURSE + " TEXT NOT NULL, "+
        KEY_EMAIL + " TEXT NOT NULL, "+
        KEY_PHONE + " VARCHAR " +
        "); ";

public DatabaseHelperTeacher(Context context) {
    super(context, DATABASE_NAME, null, DATABASE_VERSION);

    Log.d("table", CREATE_TABLE_TEACHERS);
}

@Override
public void onCreate(SQLiteDatabase db) {
    db.execSQL(CREATE_TABLE_TEACHERS);
}

@Override
public void onUpgrade(SQLiteDatabase db, int oldVersion, int
newVersion) {
    db.execSQL("DROP TABLE IF EXISTS '" + TABLE_USER + "'");
    onCreate(db);
}

public long addTeachersDetail(String name, String course, String
email, String phone) {
    SQLiteDatabase db = this.getWritableDatabase();
    // Creating content values
    ContentValues values = new ContentValues();
    values.put(KEY_FIRSTNAME, name);
    values.put(KEY_COURSE, course);
    values.put(KEY_EMAIL, email);
    values.put(KEY_PHONE, phone);
    //insert row in table
    long insert = db.insert(TABLE_USER, null, values);

    return insert;
}

public ArrayList<TeachersModel> getAllTeachers() {

```

```

        ArrayList<TeachersModel> teachersModelArrayList = new
ArrayList<TeachersModel>();

        String selectQuery = "SELECT  * FROM " + TABLE_USER;
        SQLiteDatabase db = this.getReadableDatabase();
        Cursor c = db.rawQuery(selectQuery, null);
        // looping through all rows and adding to list
        if (c.moveToFirst()) {
            do {
                TeachersModel teachersModel = new TeachersModel();

teachersModel.setId(c.getInt(c.getColumnIndex(KEY_ID)));

teachersModel.setName(c.getString(c.getColumnIndex(KEY_FIRSTNAME)));

teachersModel.setCourse(c.getString(c.getColumnIndex(KEY_COURSE)));

teachersModel.setEmail(c.getString(c.getColumnIndex(KEY_EMAIL)));

teachersModel.setPhone(c.getString(c.getColumnIndex(KEY_PHONE)));
                // adding to list
                teachersModelArrayList.add(teachersModel);
            } while (c.moveToNext());
        }
        return teachersModelArrayList;
    }

    public int updateTeachers(int id, String name, String course,
String email, String phone) {
        SQLiteDatabase db = this.getWritableDatabase();

        // Creating content values
        ContentValues values = new ContentValues();
        values.put(KEY_FIRSTNAME, name);
        values.put(KEY_COURSE, course);
        values.put(KEY_EMAIL, email);
        values.put(KEY_PHONE, phone);
        // update row in table base on students.is value
        return db.update(TABLE_USER, values, KEY_ID + " = ?",
            new String[]{String.valueOf(id)});
    }

    public void deleteUser(int id) {

```

```

        // delete row in table based on id
        SQLiteDatabase db = this.getWritableDatabase();
        db.delete(TABLE_USER, KEY_ID + " = ?",
            new String[]{String.valueOf(id)});
    }

}

MainActivity
public class MainActivity extends AppCompatActivity {

    Button addTeachers;
    Button modTeachers;

    private ListView listView;
    private ArrayList<TeachersModel> teachersModelArrayList;
    private CustomAdapterTeacher customAdapterTeacher;
    private DatabaseHelperTeacher databaseHelperTeacher;

    public void addTeachersActivity(){
        addTeachers= (Button)findViewById(R.id.btn_add_teacher);
        addTeachers.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent addTeachersr = new Intent(MainActivity.this,
AddCourseTeachers.class);
                startActivity(addTeachersr);
            }
        });
    }

    public void modTeachersActivity(){
        modTeachers= (Button)findViewById(R.id.btn_teacher_modify);
        modTeachers.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent modTeachersr = new Intent(MainActivity.this,
ModTeacher.class);
                startActivity(modTeachersr);
            }
        });
    }
}

```



```

        }
    });
}

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    addTeachersActivity();
    modTeachersActivity();

    listView = (ListView) findViewById(R.id.teachers_lv);

    databaseHelperTeacher = new DatabaseHelperTeacher(this);

    teachersModelArrayList =
databaseHelperTeacher.getAllTeachers();

    customAdapterTeacher = new
CustomAdapterTeacher(this, teachersModelArrayList);
    listView.setAdapter(customAdapterTeacher);
}
}

```

## Modify

```

public class ModifyTeachersActivity extends AppCompatActivity {

    private TeachersModel teachersModel;
    private EditText etname, etcourse, etemail, etphone;
    private Button btnupdate, btndelete;
    private DatabaseHelperTeacher databaseHelperTeacher;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_modify_teachers);

        Intent intent = getIntent();
    }
}

```

```

        teachersModel = (TeachersModel)
intent.getSerializableExtra("teachers");

        databaseHelperTeacher = new DatabaseHelperTeacher(this);

        etname = (EditText) findViewById(R.id.etname);
        etcourse = (EditText) findViewById(R.id.etcourse);
        etemail = (EditText) findViewById(R.id.etemail);
        etphone = (EditText) findViewById(R.id.etphone);
        btndelete = (Button) findViewById(R.id.btndelete);
        btnupdate = (Button) findViewById(R.id.btnupdate);

        etname.setText(teachersModel.getName());
        etcourse.setText(teachersModel.getCourse());
        etemail.setText(teachersModel.getEmail());
        etphone.setText(teachersModel.getPhone());

        btnupdate.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

databaseHelperTeacher.updateTeachers(teachersModel.getId(),etname.get
Text().toString(),etcourse.getText().toString(),etemail.getText().toS
tring(), etphone.getText().toString());
                Toast.makeText(ModifyTeachersActivity.this, "Updated
Successfully!", Toast.LENGTH_SHORT).show();
                Intent intent = new
Intent(ModifyTeachersActivity.this,MainActivity.class);
                intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
                startActivity(intent);
            }
        });

        btndelete.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

databaseHelperTeacher.deleteUser(teachersModel.getId());
                Toast.makeText(ModifyTeachersActivity.this, "Deleted
Successfully!", Toast.LENGTH_SHORT).show();
                Intent intent = new
Intent(ModifyTeachersActivity.this,MainActivity.class);

```

```

        intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
        startActivity(intent);
    }
});

}
}

```

Getters Setters

```

public class TeachersModel implements Serializable {

```

```

    private String name;
    private String course;
    private String email;
    private String phone;
    private int id;

```

```

    public int getId() {
        return id;
    }

```

```

    public void setId(int id) {
        this.id = id;
    }

```

```

    public String getName() {
        return name;
    }

```

```

    public void setName(String name) {
        this.name = name;
    }

```

```

    public String getCourse() {
        return course;
    }

```

```

    public void setCourse(String course) {
        this.course = course;
    }

```

```
public String getEmail() {  
    return email;  
}  
  
public void setEmail(String email) {  
    this.email = email;  
}  
  
public String getPhone() {  
    return phone;  
}  
  
public void setPhone(String phone) {  
    this.phone = phone;  
}  
}
```

XML

Add record

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context="com.sayem.geeknot.sqlitecrud.AddCourseTeachers">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        >

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/name"
            android:textColor="#000"
            android:textSize="20sp"
            />

        <EditText
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/et_name"
            android:hint="@string/h_name"
            android:textColor="#000"/>
    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        >
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/course"
    android:textColor="#000"
    android:textSize="20sp"

/>

<EditText
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/et_course"
    android:hint="@string/h_course"
    android:textColor="#000"/>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    >

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/email"
        android:textColor="#000"
        android:textSize="20sp"

        />

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/et_email"
        android:hint="@string/h_email"
        android:inputType="textEmailAddress"
        android:textColor="#000"/>
</LinearLayout>
```

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    >

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/phone"
        android:textColor="#000"
        android:textSize="20sp"

        />

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/et_phone"
        android:hint="@string/h_phone"
        android:textColor="#000"
        android:inputType="phone"/>
</LinearLayout>

<Button
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/btnstore"
    android:text="@string/store"
    android:textSize="20sp"
    />

```

```

</LinearLayout>

```

Main Activity

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"

```

```
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
tools:context="com.sayem.geeknot.sqlitecrud.MainActivity">
```

```
<Button
    android:id="@+id/btn_add_teacher"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Add New Record" />
```

```
<Button
    android:id="@+id/btn_teacher_modify"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="@string/mod" />
```

```
<ListView
    android:id="@+id/teachers_lv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content">
</ListView>
```

```
</LinearLayout>
Modify
```

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context="com.sayem.geeknot.sqlitecrud.ModTeacher">
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="@string/inst_text"
    android:textAlignment="center"
    android:textColor="#919191"
    android:textSize="20sp" />
```



```

        <ListView
            android:id="@+id/teachers_lvi"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />

    </LinearLayout>

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"

tools:context="com.sayem.geeknot.sqlitecrud.ModifyTeachersActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/name"
            android:textColor="#000"
            android:textSize="20sp" />

        <EditText
            android:id="@+id/etname"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="@string/h_name"
            android:textColor="#000"
            android:textSize="20sp" />
    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:paddingTop="5dp">

```

```

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/course"
    android:textColor="#000"
    android:textSize="20sp" />

<EditText
    android:id="@+id/etcourse"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="@string/h_course"
    android:textColor="#000"
    android:textSize="20sp" />
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:paddingTop="5dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/email"
        android:textColor="#000"
        android:textSize="20sp" />

    <EditText
        android:id="@+id/etemail"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="@string/h_email"
        android:inputType="textEmailAddress"
        android:textColor="#000"
        android:textSize="20sp" />

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:paddingTop="5dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/phone"
            android:textColor="#000"
            android:textSize="20sp" />

        <EditText
            android:id="@+id/etphone"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:inputType="phone"
            android:hint="@string/h_phone"
            android:textColor="#000"
            android:textSize="20sp" />

    </LinearLayout>

    <Button
        android:id="@+id/btnupdate"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/update"
        android:textSize="20sp" />

    <Button
        android:id="@+id/btndelete"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/delete"
        android:textSize="20sp" />

</LinearLayout>

<?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">
```

```
<TextView
    android:id="@+id/teachers_name"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:textColor="#000"
    android:gravity="center_vertical"
    android:textSize="20sp"
    android:text="@string/name"
    android:layout_marginTop="10dp"/>
```

```
<TextView
    android:id="@+id/teachers_course"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:textColor="#000"
    android:textSize="20sp"
    android:text="@string/course"
    android:layout_marginTop="10dp"/>
```

```
<TextView
    android:id="@+id/teachers_email"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:textColor="#000"
    android:textSize="20sp"
    android:text="@string/email"
    android:layout_marginTop="10dp"/>
```

```
<TextView
    android:id="@+id/teachers_phone"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000"
    android:textSize="20sp"
    android:text="@string/phone"
    android:layout_marginTop="10dp"
    android:layout_marginBottom="10dp"/>
```

```
<View
    android:layout_width="match_parent"
    android:layout_height="1dp"
```

```
    android:layout_marginTop="5dp"  
    android:layout_marginLeft="10dp"  
    android:layout_marginRight="10dp"  
    android:background="@color/colorAccent"/>
```

```
</LinearLayout>
```

12:37



## SQLite CRUD

ADD NEW RECORD

MODIFY

Name: Shivansh

Course: IT

Email: nathanishivansh07@gmail.com

Phone :88888888888888

---

12:37



## SQLite CRUD

Name :

Course :

Email :

Phone :

STORE



12:37



## SQLite CRUD

Name : Sujay

Course : IT

Email : mahadik203@gmail.com

Phone : 999999999999

STORE

1

2 ABC

3 DEF



4 GHI

5 JKL

6 MNO



7 PRQS

8 TUV

9 WXYZ



\* #

0 +

.





12:38



## SQLite CRUD

To Edit,  
Tap on the Items from the List

Name: Shivansh

Course: IT

Email: nathanishivansh07@gmail.com

Phone: 88888888888888

---

Name: Sujay

Course: IT

Email: mahadik203@gmail.com

Phone: 99999999999999

---

12:38



## SQLite CRUD

Name : Shivansh

Course : COMP

Email : nathanishivansh07@gmail.com

Phone : 8888888888888

UPDATE

DELETE



COMP

COMPANY

COMPUTER



1 2 3 4 5 6 7 8 9 0  
q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ×

?123

,



.



12:38



## SQLite CRUD

ADD NEW RECORD

MODIFY

Name: Shivansh

Course: COMP

Email: nathanishivansh07@gmail.com

Phone :88888888888888

---

Name: Sujay

Course: IT

Email: mahadik203@gmail.com

Phone :99999999999999

---

