

## File: Main\_activity.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    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="com.adesh.guessthemovie.MainActivity"
>

    <TextView
        android:id="@+id/totalscore"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="54dp"
        android:layout_marginTop="29dp"
        android:text="Total score" />

    <TextView
        android:id="@+id/textView3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="00"
        android:layout_alignBaseline="@+id/totalscore"
        android:layout_alignBottom="@+id/totalscore"
        android:layout_alignStart="@+id/button3" />

    <TextView
        android:id="@+id/desc"
        android:layout_width="300dp"
        android:layout_height="230dp"
        android:layout_above="@+id/name"
        android:layout_centerHorizontal="true"
        android:layout_marginBottom="14dp"
        android:text="Description" />

    <EditText
        android:id="@+id/name"
        android:layout_width="300dp"
        android:layout_height="wrap_content"
        android:layout_above="@+id/hint"
        android:layout_centerHorizontal="true"
        android:layout_marginBottom="19dp"
        android:ems="10"
```

```
android:inputType="textPersonName" />
```

```
<Button
```

```
    android:id="@+id/hint"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_marginStart="17dp"  
    android:text="Hint"  
    android:layout_alignBaseline="@+id/back"  
    android:layout_alignBottom="@+id/back"  
    android:layout_alignParentStart="true" />
```

```
<Button
```

```
    android:id="@+id/back"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="Back"  
    android:layout_alignBaseline="@+id/button3"  
    android:layout_alignBottom="@+id/button3"  
    android:layout_alignStart="@+id/exit" />
```

```
<Button
```

```
    android:id="@+id/button3"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="submit"  
    android:layout_marginEnd="20dp"  
    android:layout_above="@+id/exit"  
    android:layout_alignParentEnd="true"  
    android:layout_marginBottom="23dp" />
```

```
<Button
```

```
    android:id="@+id/exit"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="exit"  
    android:layout_alignParentBottom="true"  
    android:layout_centerHorizontal="true" />
```

```
</RelativeLayout>
```

**File: Main\_activity.java**

```
package com.student.guessthemovie;

import android.content.DialogInterface;
import android.os.Bundle;
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.IOException;
import java.io.InputStream;

public class MainActivity extends AppCompatActivity implements View.OnClickListener {
    JSONObject obj, jo_inside;
    JSONArray m_jArray;
    EditText name;
    Button hint;
    Button submit;
    Button back;
    Button exit;
    TextView totalscore;

    TextView desc;
    String result;
    int j = 1,num=0;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        name = (EditText) findViewById(R.id.name);
        hint = (Button) findViewById(R.id.hint);
        submit = (Button) findViewById(R.id.button3);
        back = (Button) findViewById(R.id.back);
        totalscore = (TextView) findViewById(R.id.textView3);

        desc = (TextView) findViewById(R.id.desc);
        exit= (Button) findViewById(R.id.exit);
        hint.setOnClickListener(this);
        submit.setOnClickListener(this);
    }
}
```

```

back.setOnClickListener(this);
exit.setOnClickListener(this);
back.setVisibility(View.INVISIBLE);
try {
    obj = new JSONObject(readJSONFromAsset());
    m_jArray = obj.getJSONArray("movies");

    jo_inside = m_jArray.getJSONObject(0);
    result = jo_inside.getString("name");
    String url_value = jo_inside.getString("summary");
    desc.setText(url_value);

} catch (JSONException e) {
    e.printStackTrace();
}
}
@Override
public void onClick(View v) {

    switch (v.getId()) {
        case R.id.button3: //submit
            try {
                if(name.getText().toString().equalsIgnoreCase(result)) {
                    checkmovie();
                    num=num+10;
                    totalscore.setText(String.valueOf(num));
                    hint.setEnabled(true);
                    name.setText("");
                }
                else {
                    AlertDialog.Builder alert = new AlertDialog.Builder(this);
                    alert.setTitle("Error");
                    alert.setMessage("Movie name cannot be matched");
                    alert.setPositiveButton("OK", null);
                    alert.show();
                }

            } catch (JSONException e) {
                e.printStackTrace();
            }
            break;
        case R.id.hint: //hint
            AlertDialog.Builder builder2 = new AlertDialog.Builder(this);
            builder2.setMessage("Do you want to use hint?");
            builder2.setCancelable(true);

            builder2.setPositiveButton(

```

```

        "Yes",
        new DialogInterface.OnClickListener() {
            public void onClick(DialogInterface dialog, int id) {
                dialog.cancel();
                name.setEnabled(false);
                submit.setEnabled(false);
                exit.setEnabled(false);
                hint.setEnabled(false);
                back.setVisibility(View.VISIBLE);

                num=num-5;
                totalscore.setText(String.valueOf(num));
                try {

                    m_jArray = obj.getJSONArray("movies");
                    jo_inside = m_jArray.getJSONObject(j);
                    String hintvalue = jo_inside.getString("hint1");
                    desc.setText(hintvalue);

                }
                catch (JSONException e) {
                    e.printStackTrace();
                }
            }
        }
    );

    builder2.setNegativeButton(
        "No",
        new DialogInterface.OnClickListener() {
            public void onClick(DialogInterface dialog, int id) {
                dialog.cancel();
                back.setVisibility(View.INVISIBLE);

            }
        });

    AlertDialog alert11 = builder2.create();
    alert11.show();
    break;
case R.id.exit: //exit

    AlertDialog.Builder builder1 = new AlertDialog.Builder(this);
    builder1.setMessage("Do you want to exit from app?");
    builder1.setCancelable(true);

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builder1.setPositiveButton(
    "Yes",
    new DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int id) {
            dialog.cancel();
            System.exit(1);
        }
    });

builder1.setNegativeButton(
    "No",
    new DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int id) {
            dialog.cancel();
        }
    });

AlertDialog alert112 = builder1.create();
alert112.show();
String abc=totalscore.getText().toString();
AlertDialog.Builder alert = new AlertDialog.Builder(this);
alert.setTitle("Score");
alert.setMessage("Your total score is:").setMessage(abc);
alert.setPositiveButton("OK", null);
alert.show();
break;
case R.id.back: //back

try {

    if(j!=0)
    {
        m_jArray = obj.getJSONArray("movies");

        jo_inside = m_jArray.getJSONObject(j-1);
        String sumval = jo_inside.getString("summary");
        desc.setText(sumval);
        name.setEnabled(true);
        submit.setEnabled(true);
        exit.setEnabled(true);

        back.setVisibility(View.INVISIBLE);
    }
    else if (j==0)
    {
        m_jArray = obj.getJSONArray("movies");

```

```

        String sumval = jo_inside.getString("summary");
        desc.setText(sumval);
        name.setEnabled(true);
        submit.setEnabled(true);
        exit.setEnabled(true);
        back.setVisibility(View.INVISIBLE);
    }}
    catch (JSONException e) {
        e.printStackTrace();
    }
}

}

public String readJSONFromAsset() {
    String json = null;
    try {
        InputStream is = getAssets().open("database.json");
        int size = is.available();
        byte[] buffer = new byte[size];
        is.read(buffer);
        is.close();
        json = new String(buffer, "UTF-8");
    } catch (IOException ex) {
        ex.printStackTrace();
        return null;
    }
    return json;
}

public void checkmovie() throws JSONException {
    m_jArray = obj.getJSONArray("movies");
    {

        jo_inside = m_jArray.getJSONObject(j++);
        //Log.d("Details-->", jo_inside.getString("summary"));
        result = jo_inside.getString("name");
        String url_value = jo_inside.getString("summary");
        desc.setText(url_value);
    }
}
}

```

## Database:

```
{
  "movies": [
    {
      "name": "bahubali",
      "summary": "The Beginning (2015) is essentially about a tribal warrior boy, Shivudu who learns his past and awaits his destiny. The story is set in and around the fictional kingdom of Mahishmati. On the, the benevolent and righteous (Amarendra Baahubali), and his ambitious uncle (Bhallaladeva) as told by a loyal warrior slave (Kattappa).",
      "hint1": "kattappa kills"
    },
    {
      "name": "Dhoom",
      "summary": "The story starts in the city of Mumbai where a motorcycle gang starts breaking into banks and other public places and vanishing on the Western Express Highway. ACP Jai Dixit a no-nonsense cop, is called inside the case. He is married to Sweetie . Jai seeks the
      "hint1": "abcdefg"
    },
    {
      "name": "Dhoom 2",
      "summary": "The film begins with Mr. A ",
      "hint1": "abcdwqerewtertrhytr"
    },
    {
      "name": "Munna Bhai M.B.B.S.",
      "summary": "Murli Prasad Sharma, nicknamed Munna Bhai is a bhai or gunda: a crime don in the Mumbai underworld. Given that his father had parents reconcile with him. His sidekick Circuit marries and has a son, who is nicknamed Short Circuit. As the film concludes, Anand, restored to normal mental health, narrates the story to children.",
      "hint1": "oiuewoirjrkjhgrfd"
    },
    {
      "name": "Bodyguard",
      "summary": "Balwanth Singh is the bodyguard of Sartaj Rana with high competencies. During one night, Balwanth, along with his pregnant happily watching them.",
      "hint1": "wqeioqrhifoe"
    },
    {
      "name": "Band Baaja Baaraat",
      "summary": "Bittoo Sharma is street-smart and fun-loving. The movie opens with Bittoo collecting money from others to gatecrash a. The film ends with both of them dancing at their own wedding, with their friends and family surrounding them.",
      "hint1": "iewqoiuksadkjs"
    }
  ]
}
```