**Assignment:-13**

**Q.13 Create an application to parse Json Data?**

**Ans:- The Code for the above program**

**File.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:id="@+id/textView1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_alignParentLeft="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginLeft="75dp"**

**android:layout\_marginTop="46dp"**

**android:text="TextView"** />

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

**MainActivity.java**

**package** com.example.i.myapplication;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.widget.ArrayAdapter;

**import** android.widget.ListView;

**import** android.widget.TextView;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.util.ArrayList;

**public class** MainActivity **extends** AppCompatActivity {

**public static final** String ***JSON\_STRING***=**"{\"employee\":{\"name\":\"Hiren\",\"salary\":30000}}"**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

TextView textView1=(TextView)findViewById(R.id.***textView1***);

**try**{

JSONObject emp=(**new** JSONObject(***JSON\_STRING***)).getJSONObject(**"employee"**);

String empname=emp.getString(**"name"**);

**int** empsalary=emp.getInt(**"salary"**);

String str=**"Employee Name:"**+empname+**"\n"**+**"Employee Salary:"**+empsalary;

textView1.setText(str);

}**catch** (Exception e) {e.printStackTrace();}

}

}

**The OutPut:-**

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