Assignment:-13

Q.13 Create an application to parse Json Data?

Ans:- The Code for the above program

File.XML:

```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

```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");
```
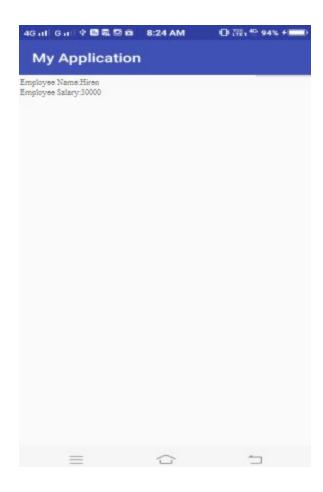
```
    String str="Employee Name:"+empname+"\n"+"Employee Salary:"+empsalary;
    textView1.setText(str);

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

 }
}
```

The OutPut:-