Rest API (perform using json parsing)

**MainActivity.java**

package com.example.restapi;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

import android.widget.Toast;

import com.android.volley.Request;

import com.android.volley.RequestQueue;

import com.android.volley.Response;

import com.android.volley.VolleyError;

import com.android.volley.toolbox.StringRequest;

import com.android.volley.toolbox.Volley;

public class MainActivity extends AppCompatActivity {

TextView tv;

Button btn1;

private String url = "https://mocki.io/v1/f31c9d26-900e-4094-aa6f-834dbd35ca72";

private RequestQueue requestQueue;

private StringRequest stringRequest;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

tv = findViewById(R.id.tv);

btn1 = findViewById(R.id.btn1);

btn1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

requestQueue = Volley.newRequestQueue(getApplicationContext());

stringRequest = new StringRequest(Request.Method.GET, url,

new Response.Listener<String>() {

@Override

public void onResponse(String response) {

tv.setText(response.toString());

}

}, new Response.ErrorListener() {

@Override

public void onErrorResponse(VolleyError error) {

Toast.makeText(getApplicationContext(), "Cannot fetch data...", Toast.LENGTH\_LONG).show();

}

});

requestQueue.add(stringRequest);

}

});

}

}

**Output:**

