

## Volley

```
public class MainActivity extends AppCompatActivity {
    private RequestQueue queue;
    private ListView lstTodos;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        queue = Volley.newRequestQueue(this);
        lstTodos = findViewById(R.id.lstTodos);
    }
    public void btn_OnClick(View view) {
        String url = "https://jsonplaceholder.org/posts";
        JSONArrayRequest request = new JSONArrayRequest(Request.Method.GET,
            url, null, new Response.Listener<JSONArray>() {
                @Override
                public void onResponse(JSONArray response) {
                    ArrayList<String> todos = new ArrayList<>();
                    for (int i = 0; i < 20; i++) {
                        try {
                            JSONObject obj = response.getJSONObject(i);
                            todos.add(obj.getString("title"));
                        } catch (JSONException exception) {
                            Log.d("volley_error", exception.toString());
                        }
                    }
                    ArrayAdapter<String> adapter = new ArrayAdapter<String>
                        (MainActivity.this, android.R.layout.simple_list_item_1, todos);
                    lstTodos.setAdapter(adapter);
                }
            }, new Response.ErrorListener() {
                @Override
                public void onErrorResponse(VolleyError error) {
                    Log.d("volley_error", error.toString());
                }
            });
        queue.add(request);
    }
}
```

Get TODOs

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عند الضغط على الزر يقوم باحضار الداتا من  
الرابط الذي تم وضعه في الكود ووضعها في  
list view