

PROJECT PAPB
“JSON & CRUD ANDROID STUDIO”



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PROGRAM STUDI S1 SISTEM INFORMASI
JURUSAN ILMU KOMPUTER
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
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BAGIAN I

PENGENALAN PROJECT ANDROID STUDIO

A. DESKRIPSI PROJECT APLIKASI

Magerajayukk adalah salah satu bisnis yang saya miliki dengan membuka lowongan untuk orang-orang yang memiliki kemampuan akademik ataupun non akademik untuk dikembangkan lebih jauh. Aplikasi ini merupakan aplikasi Data Karyawan Magerajayukk. Dengan hal ini tujuan dibikinnya aplikasi ini tentunya untuk menciptakan tujuan saya dalam

B. METODE PROJEKT

i. *CRUD*

CRUD adalah singkatan dari *Create, Read, Update, dan Delete*. Keempat fungsi tersebut merupakan fungsi utama dari suatu program yang dibuat pada aplikasi database. Fungsi-fungsi ini memungkinkan pengguna untuk membuat, membaca, memperbarui, dan menghapus data dalam database.

DBMS yang digunakan dalam proyek ini adalah MySQL

ii. *JSON*

JSON (JavaScript Object Notation) adalah format data yang digunakan untuk bertukar dan menyimpan data. JSON adalah bagian dari JavaScript dan dapat dibaca dalam berbagai bahasa pemrograman seperti C, C++, C#, Java, Javascript, Perl, Python dan masih banyak lagi. Di Android Studio, JSON digunakan untuk mengambil data dari server dan menampilkannya di aplikasi Android. Untuk mendapatkan data JSON di Android Studio kita bisa menggunakan phpMyAdmin

BAGIAN II

HASIL PROJECT ANDROID STUDIO

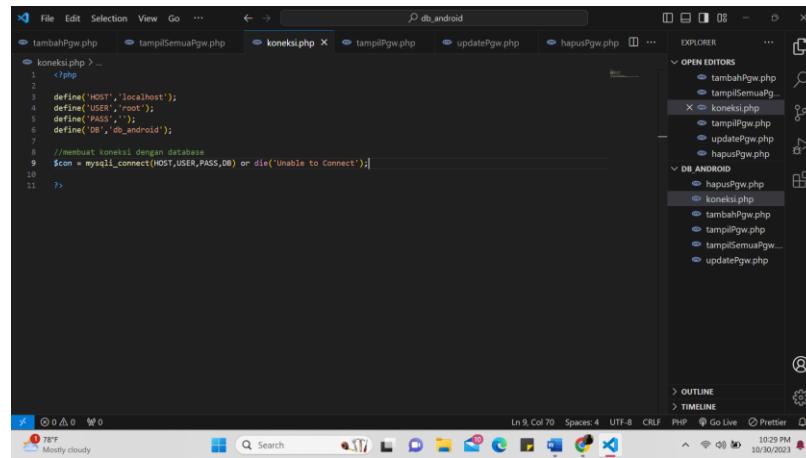
A. DATABASE

The screenshot shows two instances of the phpMyAdmin interface. The left window displays the 'Struktur tabel' (Table Structure) for the 'tb_pegawai' table. It contains four columns: 'id' (int(11)), 'nama' (varchar(100)), 'posisi' (varchar(100)), and 'gajih' (varchar(100)). The right window shows the 'Tampilan hubungan' (Relationship View) for the same table, listing the same four columns. Below these, the 'Data' tab is open, showing the following data:

	id	nama	posisi	gajih
1	1	Ubah	Salin	Hapus
2	2	Cahya Rani Nabil	Staff Tata Usaha	10.000.000
3	3	Nami Fadila Ataria	Manager	15.000.000
4	6	Alfah Dwi	Staff Administrasi	10.000.000
5	7	Naufal	Staff TIK	12.000.000

B. PHP SYNTAX

1. Koneksi

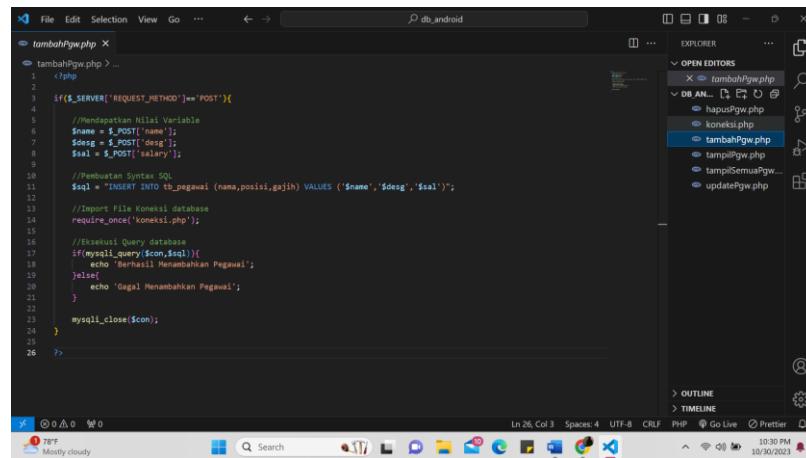


```
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "db_android";

// membuat koneksi dengan database
$koneksi = mysqli_connect($host,$user,$pass,$db) or die("Unable to Connect");

```

2. Insert Data Pegawai



```
<?php
if($_SERVER['REQUEST_METHOD']=='POST'){
    //Mendapatkan Nilai Variabel
    $name = $_POST['name'];
    $desg = $_POST['desg'];
    $sal = $_POST['salary'];

    //Penulisan Syntax SQL
    $sql = "INSERT INTO tb_pegawai (nama,posisi,gajih) VALUES ('$name','$desg','$sal')";

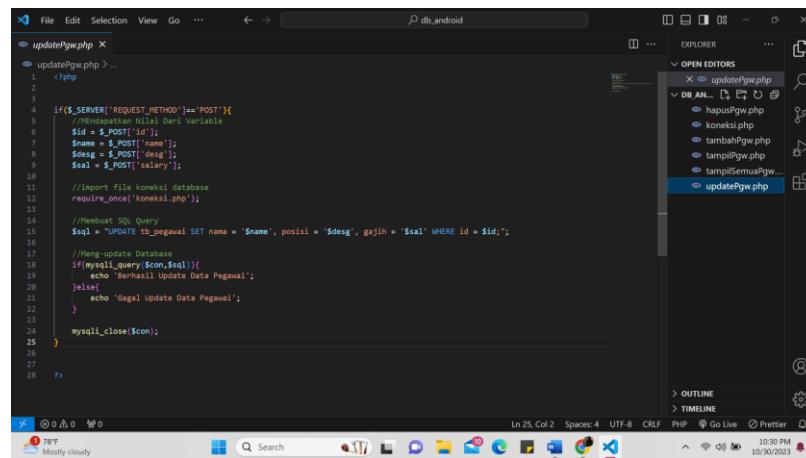
    //Import File Koneksi database
    require_once('koneksi.php');

    //Eksekusi Query database
    if(mysqli_query($con,$sql)){
        echo 'Berhasil Menambahkan Pegawai';
    }else{
        echo 'Gagal Menambahkan Pegawai';
    }

    mysqli_close($con);
}
}

```

3. Update Data Pegawai



```
<?php
if($_SERVER['REQUEST_METHOD']=='POST'){
    //Mendapatkan Nilai Variabel
    $id = $_POST['id'];
    $name = $_POST['name'];
    $desg = $_POST['desg'];
    $sal = $_POST['salary'];

    //import file koneksi database
    require_once('koneksi.php');

    //Membuat SQL Query
    $sql = "UPDATE tb_pegawai SET nama = '$name', posisi = '$desg', gajih = '$sal' WHERE id = $id";

    //Meng-update Database
    if(mysqli_query($con,$sql)){
        echo 'Berhasil Update Data Pegawai';
    }else{
        echo 'Gagal Update Data Pegawai';
    }

    mysqli_close($con);
}
}

```

4. Delete Data Pegawai

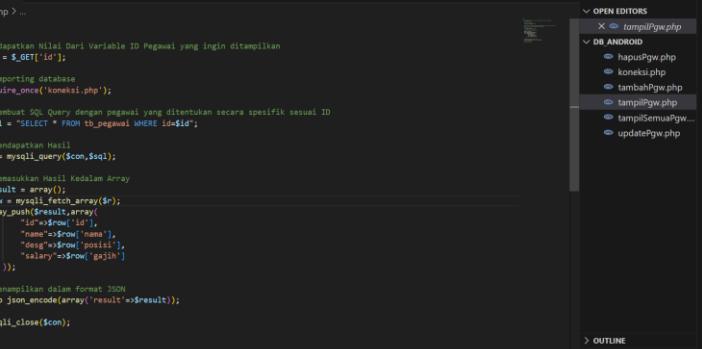
The screenshot shows a Microsoft Visual Studio Code (VS Code) window with the following details:

- Title Bar:** File, Edit, Selection, View, Go, db_android
- Left Panel (Explorer):** Shows the file structure: `hapusPgw.php` is the active editor.
- Right Panel (Open Editors):** Shows other open files: `hapusPgw.php` (active), `koneksi.php`, `tambahPgw.php`, `tampilPgw.php`, `tampilSemuaPgw.php`, and `updatePgw.php`.
- Code Editor:** Displays the PHP code for deleting a record from a MySQL database. The code includes connecting to a MySQL database named `koneksi`, performing a delete query on the `tb_pegawai` table where `id` matches the value of `$_GET['id']`, and closing the MySQL connection.
- Bottom Status Bar:** Ln 18 Col 2 Spaces: 4 UTF-8 CRLF PHP Go Live Timeline
- Bottom Taskbar:** Icons for File Explorer, Search, Task Manager, and various application icons.

5. Read Data Pegawai

The screenshot shows the Eclipse IDE interface. The code editor on the left contains PHP code for displaying all employees. The Explorer view on the right shows the project structure with files like 'hapusPgw.php', 'koneksi.php', 'tambahPgw.php', 'tampilSemuaPgw.php', and 'updatePgw.php' listed under the 'DB ANDROID' folder.

```
<?php  
2  
3 require_once("koneksi.php");  
4  
//Memuat SQL Query  
5 $sql = "SELECT * FROM tb_pegawai";  
6  
//Mendapatkan Hasil  
7 $r = mysqli_query($con,$sql);  
8  
//Membuat Array Kosong  
9 $result = array();  
10  
11 while($row = mysqli_fetch_array($r)){  
12  
13 //Menambahkan Nama dan ID kedalam Array Kosong yang telah dibuat  
14 array_push($result,array(  
15 "id"=>$row['id'],  
16 "name"=>$row['nama']  
17 ));  
18  
19 }  
20  
//Menampilkan Array dalam Format JSON  
21 echo json_encode(array('result'=>$result));  
22  
23  
mysql_close($con);  
24  
25  
?>
```



```
File Edit Selection View Go ... ← → db.android
tampilPgwp.php X OPEN EDITORS
tampilPgwp.php > ...
<?php
1
2
3 // Mendapatkan Nilai Dari Variabel ID Pegawai yang ingin ditampilkan
4 $id = $_GET['id'];
5
6 //Importing database
7 require_once('koneksi.php');
8
9 //Membuat SQL Query dengan pegawai yang ditentukan secara spesifik sesuai ID
10 $sql = "SELECT * FROM tb_pegawai WHERE id=$id";
11
12 //Mendapatkan Hasil
13 $r = mysqli_query($con,$sql);
14
15 //Pembuatan Buat Kedalam Array
16 $result = array();
17 $row = mysqli_fetch_array($r);
18 array_push($result,array(
19     "id"=>$row['id'],
20     "name"=>$row['name'],
21     "dept"=>$row['dept'],
22     "desig"=>$row['posisi'],
23     "salary"=>$row['gajih']
24 ));
25
26 //Menampilkan dalam format JSON
27 echo json_encode(array("result"=>$result));
28
29 mysqli_close($con);
30
31
DB ANDROID
hapusPgwp.php
koneksi.php
tambahPgwp.php
tampilPgwp.php
tambahSiswaPg...
updatePgwp.php
OUTLINE
TIMELINE
Ln 17, Col 35 Tab Size: 4 UTF-8 CRLF PHP Go Live
10/30/2023
① 87°F Mostly cloudy Search 10:32 AM
```

```
//Menampilkan Array dalam Format JSON
```

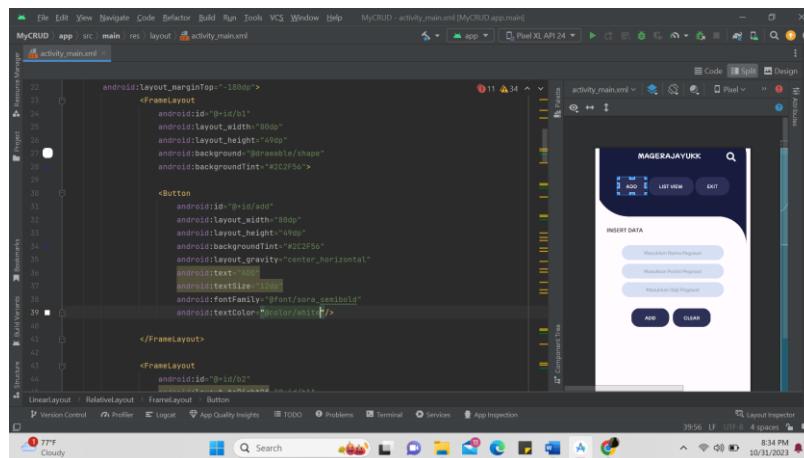
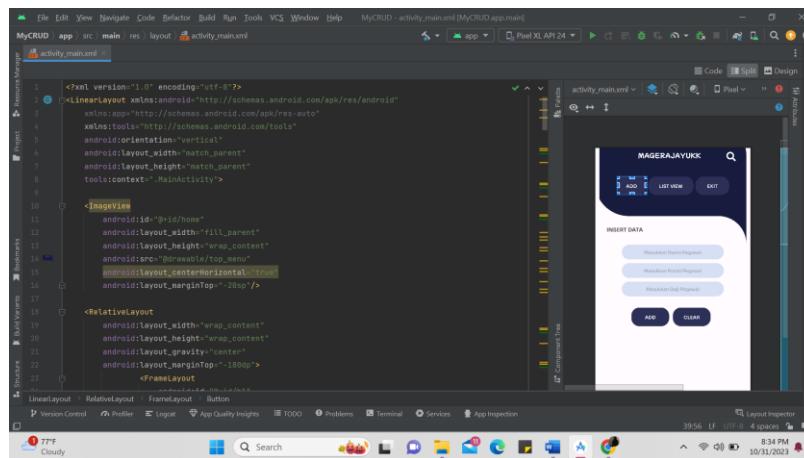
```
echo json_encode(array('result'=>$result));
```

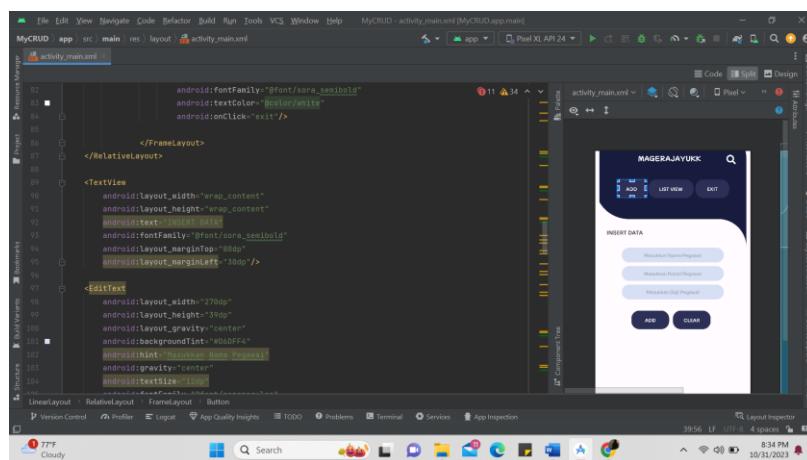
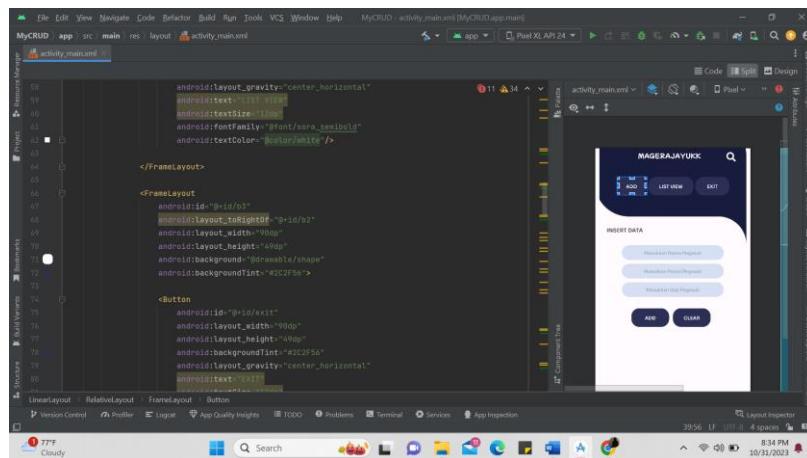
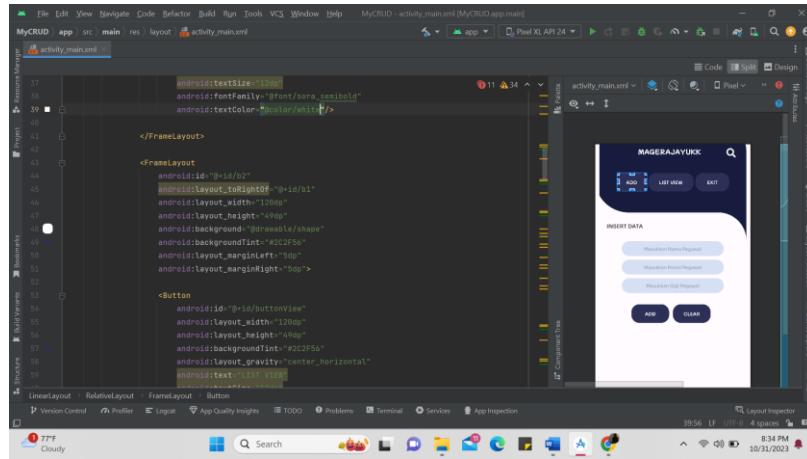
NOTE : Fungsi `json_encode` digunakan untuk mengonversi struktur data PHP menjadi format JSON

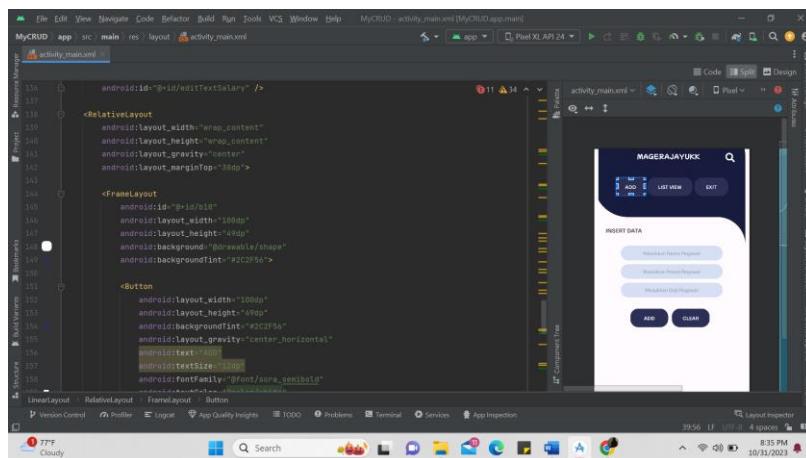
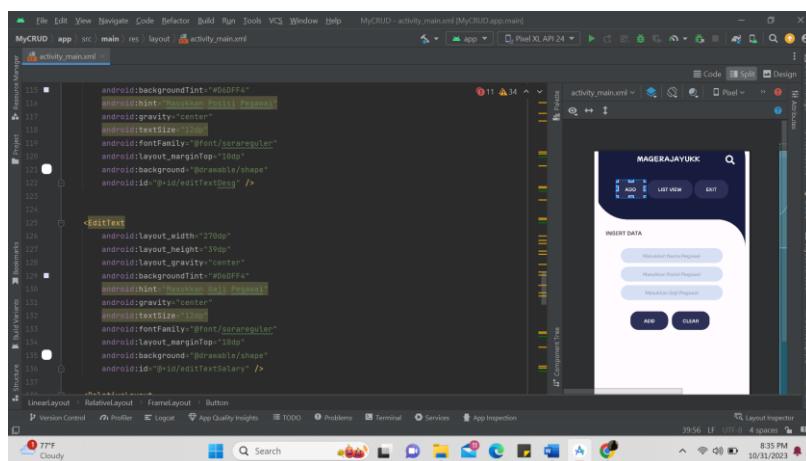
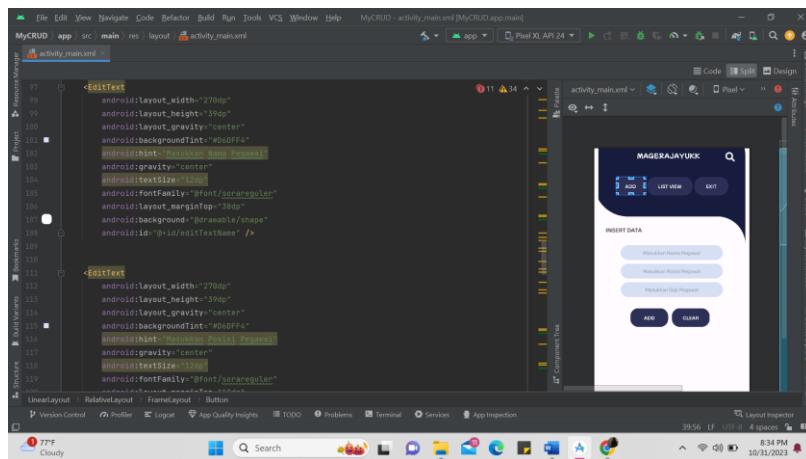
C. ANDROID STUDIO APLIKASI

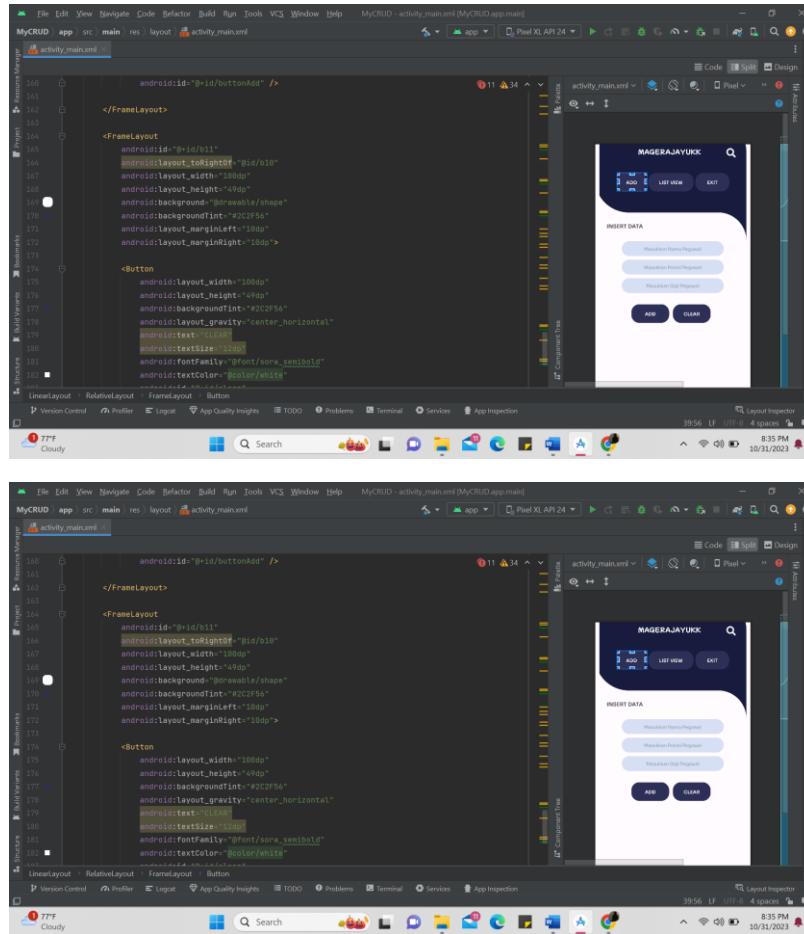
i. Insert Data

- Tampilan









- Codingan

```

file Edit View Navigate Code Refactor Build Run Tools VCS Window Help MyCRUD - MainActivity.java [MyCRUD app.main]
MyCRUD app src main java com.example mycrud MainActivity bersihkan Analyzing
activity_main.xml MainActivity.java
package com.example.mycrud;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import java.util.ArrayList;
import java.util.List;

public class MainActivity extends AppCompatActivity implements View.OnClickListener {
    //Dibawah ini merupakan perintah untuk mendefinisikan View
    private EditText editTextName;
    private EditText editTextDesc;
    private EditText editTextText;
    private Button buttonAdd;
    private Button buttonView;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}

```

```
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        //Inisialisasi dari View
        editTextName = (EditText) findViewById(R.id.editTextName);
        editTextDesg = (EditText) findViewById(R.id.editTextDesg);
        editTextSal = (EditText) findViewById(R.id.editTextSalary);

        buttonAdd = (Button) findViewById(R.id.buttonAdd);
        buttonView = (Button) findViewById(R.id.buttonView);

        //Setting Listener to button
        buttonAdd.setOnClickListener(this);
        buttonView.setOnClickListener(this);
    }

    //Dibawah ini merupakan perintah untuk Menambahkan Pegawai (CREATE)
    private void addEmployee(){

```

```
    final String name = editTextName.getText().toString().trim();
    final String desg = editTextDesg.getText().toString().trim();
    final String sal = editTextSal.getText().toString().trim();

    class AddEmployee extends AsyncTask<Void, String>{
        ProgressDialog loading;

        @Override
        protected void onPreExecute() {
            super.onPreExecute();
            loading = ProgressDialog.show(MainActivity.this, "Menambahkan...", "Tunggu...", false, false);
        }

        @Override
        protected void onPostExecute(String s) {
            super.onPostExecute(s);
            loading.dismiss();
            Toast.makeText(MainActivity.this,Toast.LENGTH_LONG).show();
        }
    }

```

```
        loading = ProgressDialog.show(MainActivity.this, "Menambahkan...", "Tunggu...", false, false);

        @Override
        protected void onPostExecute(String s) {
            super.onPostExecute(s);
            loading.dismiss();
            Toast.makeText(MainActivity.this,Toast.LENGTH_LONG).show();
        }

        @Override
        protected String doInBackground(Void... params) {
            HashMap<String, String> params = new HashMap<>();
            params.put(konfigurasi.KEY_EMP_NAMA, name);
            params.put(konfigurasi.KEY_EMP_POSISI, desg);
            params.put(konfigurasi.KEY_EMP_GAJI, sal);

            RequestHandler rh = new RequestHandler();
            String res = rh.sendPostRequest(konfigurasi.URL_ADD, params);
            return res;
        }
    }

    AddEmployee ae = new AddEmployee();
    ae.execute();
}

```

MainActivity.java

```
1 package com.example.mycrud;
2
3 import android.os.Bundle;
4 import android.view.View;
5 import android.widget.EditText;
6 import android.widget.Toast;
7
8 import androidx.appcompat.app.AppCompatActivity;
9
10 public class MainActivity extends AppCompatActivity {
11
12     EditText editTextName;
13     EditText editTextAge;
14     EditText editTextGender;
15
16     @Override
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate(savedInstanceState);
19         setContentView(R.layout.activity_main);
20
21         editTextName = findViewById(R.id.editTextName);
22         editTextAge = findViewById(R.id.editTextAge);
23         editTextGender = findViewById(R.id.editTextGender);
24
25         Button buttonAdd = findViewById(R.id.buttonAdd);
26         Button buttonEdit = findViewById(R.id.buttonEdit);
27         Button buttonDelete = findViewById(R.id.buttonDelete);
28         Button buttonClear = findViewById(R.id.buttonClear);
29
30         buttonAdd.setOnClickListener(v -> {
31             String name = editTextName.getText().toString();
32             String age = editTextAge.getText().toString();
33             String gender = editTextGender.getText().toString();
34
35             if (!name.isEmpty() && !age.isEmpty() && !gender.isEmpty()) {
36                 AddEmployee ae = new AddEmployee();
37                 ae.execute();
38             } else {
39                 Toast.makeText(this, "All fields are required", Toast.LENGTH_SHORT).show();
40             }
41         });
42
43         buttonEdit.setOnClickListener(v -> {
44             Intent intent = new Intent(this, TampilSemuaPgw.class);
45             startActivity(intent);
46         });
47
48         buttonDelete.setOnClickListener(v -> {
49             finish();
50         });
51
52         buttonClear.setOnClickListener(v -> {
53             editTextName.setText("");
54             editTextAge.setText("");
55             editTextGender.setText("");
56         });
57     }
58
59     public void bersihkan(View view) {
60         editTextName.setText("");
61         editTextAge.setText("");
62         editTextGender.setText("");
63     }
64
65     public void exit(View view) {
66         moveTaskToBack(true);
67     }
68
69     public void onBackPressed() {
70         moveTaskToBack(true);
71     }
72
73     public void beranda(View view) {
74         Intent intent = new Intent(this, Beranda.class);
75         startActivity(intent);
76     }
77
78     public void tambahData(View view) {
79         Intent intent = new Intent(this, tambahData.class);
80         startActivity(intent);
81     }
82
83     public void hapusData(View view) {
84         Intent intent = new Intent(this, hapusData.class);
85         startActivity(intent);
86     }
87
88     public void editData(View view) {
89         Intent intent = new Intent(this, editData.class);
90         startActivity(intent);
91     }
92
93     public void cariData(View view) {
94         Intent intent = new Intent(this, cariData.class);
95         startActivity(intent);
96     }
97
98     public void bantuan(View view) {
99         Intent intent = new Intent(this, bantuan.class);
100        startActivity(intent);
101    }
102
103    public void aboutUs(View view) {
104        Intent intent = new Intent(this, aboutUs.class);
105        startActivity(intent);
106    }
107
108    public void setting(View view) {
109        Intent intent = new Intent(this, setting.class);
110        startActivity(intent);
111    }
112
113    public void help(View view) {
114        Intent intent = new Intent(this, help.class);
115        startActivity(intent);
116    }
117
118    public void exitApp(View view) {
119        finish();
120    }
121
122    public void berandaBanyak(View view) {
123        Intent intent = new Intent(this, BerandaBanyak.class);
124        startActivity(intent);
125    }
126
127    public void tambahDataBanyak(View view) {
128        Intent intent = new Intent(this, tambahDataBanyak.class);
129        startActivity(intent);
130    }
131
132    public void hapusDataBanyak(View view) {
133        Intent intent = new Intent(this, hapusDataBanyak.class);
134        startActivity(intent);
135    }
136
137    public void editDataBanyak(View view) {
138        Intent intent = new Intent(this, editDataBanyak.class);
139        startActivity(intent);
140    }
141
142    public void cariDataBanyak(View view) {
143        Intent intent = new Intent(this, cariDataBanyak.class);
144        startActivity(intent);
145    }
146
147    public void bantuanBanyak(View view) {
148        Intent intent = new Intent(this, bantuanBanyak.class);
149        startActivity(intent);
150    }
151
152    public void aboutUsBanyak(View view) {
153        Intent intent = new Intent(this, aboutUsBanyak.class);
154        startActivity(intent);
155    }
156
157    public void settingBanyak(View view) {
158        Intent intent = new Intent(this, settingBanyak.class);
159        startActivity(intent);
160    }
161
162    public void helpBanyak(View view) {
163        Intent intent = new Intent(this, helpBanyak.class);
164        startActivity(intent);
165    }
166
167    public void exitAppBanyak(View view) {
168        finish();
169    }
170
171    public void berandaBanyak2(View view) {
172        Intent intent = new Intent(this, BerandaBanyak2.class);
173        startActivity(intent);
174    }
175
176    public void tambahDataBanyak2(View view) {
177        Intent intent = new Intent(this, tambahDataBanyak2.class);
178        startActivity(intent);
179    }
180
181    public void hapusDataBanyak2(View view) {
182        Intent intent = new Intent(this, hapusDataBanyak2.class);
183        startActivity(intent);
184    }
185
186    public void editDataBanyak2(View view) {
187        Intent intent = new Intent(this, editDataBanyak2.class);
188        startActivity(intent);
189    }
190
191    public void cariDataBanyak2(View view) {
192        Intent intent = new Intent(this, cariDataBanyak2.class);
193        startActivity(intent);
194    }
195
196    public void bantuanBanyak2(View view) {
197        Intent intent = new Intent(this, bantuanBanyak2.class);
198        startActivity(intent);
199    }
199
200    public void aboutUsBanyak2(View view) {
201        Intent intent = new Intent(this, aboutUsBanyak2.class);
202        startActivity(intent);
203    }
204
205    public void settingBanyak2(View view) {
206        Intent intent = new Intent(this, settingBanyak2.class);
207        startActivity(intent);
208    }
209
210    public void helpBanyak2(View view) {
211        Intent intent = new Intent(this, helpBanyak2.class);
212        startActivity(intent);
213    }
214
215    public void exitAppBanyak2(View view) {
216        finish();
217    }
218
219    public void berandaBanyak3(View view) {
220        Intent intent = new Intent(this, BerandaBanyak3.class);
221        startActivity(intent);
222    }
223
224    public void tambahDataBanyak3(View view) {
225        Intent intent = new Intent(this, tambahDataBanyak3.class);
226        startActivity(intent);
227    }
228
229    public void hapusDataBanyak3(View view) {
230        Intent intent = new Intent(this, hapusDataBanyak3.class);
231        startActivity(intent);
232    }
233
234    public void editDataBanyak3(View view) {
235        Intent intent = new Intent(this, editDataBanyak3.class);
236        startActivity(intent);
237    }
238
239    public void cariDataBanyak3(View view) {
240        Intent intent = new Intent(this, cariDataBanyak3.class);
241        startActivity(intent);
242    }
243
244    public void bantuanBanyak3(View view) {
245        Intent intent = new Intent(this, bantuanBanyak3.class);
246        startActivity(intent);
247    }
248
249    public void aboutUsBanyak3(View view) {
250        Intent intent = new Intent(this, aboutUsBanyak3.class);
251        startActivity(intent);
252    }
253
254    public void settingBanyak3(View view) {
255        Intent intent = new Intent(this, settingBanyak3.class);
256        startActivity(intent);
257    }
258
259    public void helpBanyak3(View view) {
260        Intent intent = new Intent(this, helpBanyak3.class);
261        startActivity(intent);
262    }
263
264    public void exitAppBanyak3(View view) {
265        finish();
266    }
267
268    public void berandaBanyak4(View view) {
269        Intent intent = new Intent(this, BerandaBanyak4.class);
270        startActivity(intent);
271    }
272
273    public void tambahDataBanyak4(View view) {
274        Intent intent = new Intent(this, tambahDataBanyak4.class);
275        startActivity(intent);
276    }
277
278    public void hapusDataBanyak4(View view) {
279        Intent intent = new Intent(this, hapusDataBanyak4.class);
280        startActivity(intent);
281    }
282
283    public void editDataBanyak4(View view) {
284        Intent intent = new Intent(this, editDataBanyak4.class);
285        startActivity(intent);
286    }
287
288    public void cariDataBanyak4(View view) {
289        Intent intent = new Intent(this, cariDataBanyak4.class);
290        startActivity(intent);
291    }
292
293    public void bantuanBanyak4(View view) {
294        Intent intent = new Intent(this, bantuanBanyak4.class);
295        startActivity(intent);
296    }
297
298    public void aboutUsBanyak4(View view) {
299        Intent intent = new Intent(this, aboutUsBanyak4.class);
300        startActivity(intent);
301    }
302
303    public void settingBanyak4(View view) {
304        Intent intent = new Intent(this, settingBanyak4.class);
305        startActivity(intent);
306    }
307
308    public void helpBanyak4(View view) {
309        Intent intent = new Intent(this, helpBanyak4.class);
310        startActivity(intent);
311    }
312
313    public void exitAppBanyak4(View view) {
314        finish();
315    }
316
317    public void berandaBanyak5(View view) {
318        Intent intent = new Intent(this, BerandaBanyak5.class);
319        startActivity(intent);
320    }
321
322    public void tambahDataBanyak5(View view) {
323        Intent intent = new Intent(this, tambahDataBanyak5.class);
324        startActivity(intent);
325    }
326
327    public void hapusDataBanyak5(View view) {
328        Intent intent = new Intent(this, hapusDataBanyak5.class);
329        startActivity(intent);
330    }
331
332    public void editDataBanyak5(View view) {
333        Intent intent = new Intent(this, editDataBanyak5.class);
334        startActivity(intent);
335    }
336
337    public void cariDataBanyak5(View view) {
338        Intent intent = new Intent(this, cariDataBanyak5.class);
339        startActivity(intent);
340    }
341
342    public void bantuanBanyak5(View view) {
343        Intent intent = new Intent(this, bantuanBanyak5.class);
344        startActivity(intent);
345    }
346
347    public void aboutUsBanyak5(View view) {
348        Intent intent = new Intent(this, aboutUsBanyak5.class);
349        startActivity(intent);
350    }
351
352    public void settingBanyak5(View view) {
353        Intent intent = new Intent(this, settingBanyak5.class);
354        startActivity(intent);
355    }
356
357    public void helpBanyak5(View view) {
358        Intent intent = new Intent(this, helpBanyak5.class);
359        startActivity(intent);
360    }
361
362    public void exitAppBanyak5(View view) {
363        finish();
364    }
365
366    public void berandaBanyak6(View view) {
367        Intent intent = new Intent(this, BerandaBanyak6.class);
368        startActivity(intent);
369    }
370
371    public void tambahDataBanyak6(View view) {
372        Intent intent = new Intent(this, tambahDataBanyak6.class);
373        startActivity(intent);
374    }
375
376    public void hapusDataBanyak6(View view) {
377        Intent intent = new Intent(this, hapusDataBanyak6.class);
378        startActivity(intent);
379    }
380
381    public void editDataBanyak6(View view) {
382        Intent intent = new Intent(this, editDataBanyak6.class);
383        startActivity(intent);
384    }
385
386    public void cariDataBanyak6(View view) {
387        Intent intent = new Intent(this, cariDataBanyak6.class);
388        startActivity(intent);
389    }
390
391    public void bantuanBanyak6(View view) {
392        Intent intent = new Intent(this, bantuanBanyak6.class);
393        startActivity(intent);
394    }
395
396    public void aboutUsBanyak6(View view) {
397        Intent intent = new Intent(this, aboutUsBanyak6.class);
398        startActivity(intent);
399    }
399
400    public void settingBanyak6(View view) {
401        Intent intent = new Intent(this, settingBanyak6.class);
402        startActivity(intent);
403    }
404
405    public void helpBanyak6(View view) {
406        Intent intent = new Intent(this, helpBanyak6.class);
407        startActivity(intent);
408    }
409
410    public void exitAppBanyak6(View view) {
411        finish();
412    }
413
414    public void berandaBanyak7(View view) {
415        Intent intent = new Intent(this, BerandaBanyak7.class);
416        startActivity(intent);
417    }
418
419    public void tambahDataBanyak7(View view) {
420        Intent intent = new Intent(this, tambahDataBanyak7.class);
421        startActivity(intent);
422    }
423
424    public void hapusDataBanyak7(View view) {
425        Intent intent = new Intent(this, hapusDataBanyak7.class);
426        startActivity(intent);
427    }
428
429    public void editDataBanyak7(View view) {
430        Intent intent = new Intent(this, editDataBanyak7.class);
431        startActivity(intent);
432    }
433
434    public void cariDataBanyak7(View view) {
435        Intent intent = new Intent(this, cariDataBanyak7.class);
436        startActivity(intent);
437    }
438
439    public void bantuanBanyak7(View view) {
440        Intent intent = new Intent(this, bantuanBanyak7.class);
441        startActivity(intent);
442    }
443
444    public void aboutUsBanyak7(View view) {
445        Intent intent = new Intent(this, aboutUsBanyak7.class);
446        startActivity(intent);
447    }
447
448    public void settingBanyak7(View view) {
449        Intent intent = new Intent(this, settingBanyak7.class);
450        startActivity(intent);
451    }
452
453    public void helpBanyak7(View view) {
454        Intent intent = new Intent(this, helpBanyak7.class);
455        startActivity(intent);
456    }
457
458    public void exitAppBanyak7(View view) {
459        finish();
460    }
461
462    public void berandaBanyak8(View view) {
463        Intent intent = new Intent(this, BerandaBanyak8.class);
464        startActivity(intent);
465    }
466
467    public void tambahDataBanyak8(View view) {
468        Intent intent = new Intent(this, tambahDataBanyak8.class);
469        startActivity(intent);
470    }
471
472    public void hapusDataBanyak8(View view) {
473        Intent intent = new Intent(this, hapusDataBanyak8.class);
474        startActivity(intent);
475    }
476
477    public void editDataBanyak8(View view) {
478        Intent intent = new Intent(this, editDataBanyak8.class);
479        startActivity(intent);
480    }
481
482    public void cariDataBanyak8(View view) {
483        Intent intent = new Intent(this, cariDataBanyak8.class);
484        startActivity(intent);
485    }
486
487    public void bantuanBanyak8(View view) {
488        Intent intent = new Intent(this, bantuanBanyak8.class);
489        startActivity(intent);
490    }
491
492    public void aboutUsBanyak8(View view) {
493        Intent intent = new Intent(this, aboutUsBanyak8.class);
494        startActivity(intent);
495    }
495
496    public void settingBanyak8(View view) {
497        Intent intent = new Intent(this, settingBanyak8.class);
498        startActivity(intent);
499    }
499
499    public void helpBanyak8(View view) {
500        Intent intent = new Intent(this, helpBanyak8.class);
501        startActivity(intent);
502    }
502
503    public void exitAppBanyak8(View view) {
504        finish();
505    }
506
507    public void berandaBanyak9(View view) {
506        Intent intent = new Intent(this, BerandaBanyak9.class);
507        startActivity(intent);
508    }
509
510    public void tambahDataBanyak9(View view) {
511        Intent intent = new Intent(this, tambahDataBanyak9.class);
512        startActivity(intent);
513    }
514
515    public void hapusDataBanyak9(View view) {
516        Intent intent = new Intent(this, hapusDataBanyak9.class);
517        startActivity(intent);
518    }
519
520    public void editDataBanyak9(View view) {
521        Intent intent = new Intent(this, editDataBanyak9.class);
522        startActivity(intent);
523    }
524
525    public void cariDataBanyak9(View view) {
526        Intent intent = new Intent(this, cariDataBanyak9.class);
527        startActivity(intent);
528    }
529
530    public void bantuanBanyak9(View view) {
531        Intent intent = new Intent(this, bantuanBanyak9.class);
532        startActivity(intent);
533    }
534
535    public void aboutUsBanyak9(View view) {
536        Intent intent = new Intent(this, aboutUsBanyak9.class);
537        startActivity(intent);
538    }
538
539    public void settingBanyak9(View view) {
540        Intent intent = new Intent(this, settingBanyak9.class);
541        startActivity(intent);
542    }
542
543    public void helpBanyak9(View view) {
544        Intent intent = new Intent(this, helpBanyak9.class);
545        startActivity(intent);
546    }
546
547    public void exitAppBanyak9(View view) {
548        finish();
549    }
549
550    public void berandaBanyak10(View view) {
551        Intent intent = new Intent(this, BerandaBanyak10.class);
552        startActivity(intent);
553    }
554
555    public void tambahDataBanyak10(View view) {
556        Intent intent = new Intent(this, tambahDataBanyak10.class);
557        startActivity(intent);
558    }
559
560    public void hapusDataBanyak10(View view) {
561        Intent intent = new Intent(this, hapusDataBanyak10.class);
562        startActivity(intent);
563    }
564
565    public void editDataBanyak10(View view) {
566        Intent intent = new Intent(this, editDataBanyak10.class);
567        startActivity(intent);
568    }
569
570    public void cariDataBanyak10(View view) {
571        Intent intent = new Intent(this, cariDataBanyak10.class);
572        startActivity(intent);
573    }
574
575    public void bantuanBanyak10(View view) {
576        Intent intent = new Intent(this, bantuanBanyak10.class);
577        startActivity(intent);
578    }
579
580    public void aboutUsBanyak10(View view) {
581        Intent intent = new Intent(this, aboutUsBanyak10.class);
582        startActivity(intent);
583    }
583
584    public void settingBanyak10(View view) {
585        Intent intent = new Intent(this, settingBanyak10.class);
586        startActivity(intent);
587    }
587
588    public void helpBanyak10(View view) {
589        Intent intent = new Intent(this, helpBanyak10.class);
590        startActivity(intent);
591    }
591
592    public void exitAppBanyak10(View view) {
593        finish();
594    }
594
595    public void berandaBanyak11(View view) {
596        Intent intent = new Intent(this, BerandaBanyak11.class);
597        startActivity(intent);
598    }
599
599    public void tambahDataBanyak11(View view) {
600        Intent intent = new Intent(this, tambahDataBanyak11.class);
601        startActivity(intent);
602    }
603
604    public void hapusDataBanyak11(View view) {
605        Intent intent = new Intent(this, hapusDataBanyak11.class);
606        startActivity(intent);
607    }
608
609    public void editDataBanyak11(View view) {
610        Intent intent = new Intent(this, editDataBanyak11.class);
611        startActivity(intent);
612    }
613
614    public void cariDataBanyak11(View view) {
615        Intent intent = new Intent(this, cariDataBanyak11.class);
616        startActivity(intent);
617    }
618
619    public void bantuanBanyak11(View view) {
620        Intent intent = new Intent(this, bantuanBanyak11.class);
621        startActivity(intent);
622    }
623
624    public void aboutUsBanyak11(View view) {
625        Intent intent = new Intent(this, aboutUsBanyak11.class);
626        startActivity(intent);
627    }
627
628    public void settingBanyak11(View view) {
629        Intent intent = new Intent(this, settingBanyak11.class);
630        startActivity(intent);
631    }
631
632    public void helpBanyak11(View view) {
633        Intent intent = new Intent(this, helpBanyak11.class);
634        startActivity(intent);
635    }
635
636    public void exitAppBanyak11(View view) {
637        finish();
638    }
638
639    public void berandaBanyak12(View view) {
640        Intent intent = new Intent(this, BerandaBanyak12.class);
641        startActivity(intent);
642    }
643
644    public void tambahDataBanyak12(View view) {
645        Intent intent = new Intent(this, tambahDataBanyak12.class);
646        startActivity(intent);
647    }
648
649    public void hapusDataBanyak12(View view) {
650        Intent intent = new Intent(this, hapusDataBanyak12.class);
651        startActivity(intent);
652    }
653
654    public void editDataBanyak12(View view) {
655        Intent intent = new Intent(this, editDataBanyak12.class);
656        startActivity(intent);
657    }
658
659    public void cariDataBanyak12(View view) {
660        Intent intent = new Intent(this, cariDataBanyak12.class);
661        startActivity(intent);
662    }
663
664    public void bantuanBanyak12(View view) {
665        Intent intent = new Intent(this, bantuanBanyak12.class);
666        startActivity(intent);
667    }
668
669    public void aboutUsBanyak12(View view) {
670        Intent intent = new Intent(this, aboutUsBanyak12.class);
671        startActivity(intent);
672    }
672
673    public void settingBanyak12(View view) {
674        Intent intent = new Intent(this, settingBanyak12.class);
675        startActivity(intent);
676    }
676
677    public void helpBanyak12(View view) {
678        Intent intent = new Intent(this, helpBanyak12.class);
679        startActivity(intent);
680    }
680
681    public void exitAppBanyak12(View view) {
682        finish();
683    }
683
684    public void berandaBanyak13(View view) {
685        Intent intent = new Intent(this, BerandaBanyak13.class);
686        startActivity(intent);
687    }
688
689    public void tambahDataBanyak13(View view) {
690        Intent intent = new Intent(this, tambahDataBanyak13.class);
691        startActivity(intent);
692    }
693
694    public void hapusDataBanyak13(View view) {
695        Intent intent = new Intent(this, hapusDataBanyak13.class);
696        startActivity(intent);
697    }
698
699    public void editDataBanyak13(View view) {
700        Intent intent = new Intent(this, editDataBanyak13.class);
701        startActivity(intent);
702    }
703
704    public void cariDataBanyak13(View view) {
705        Intent intent = new Intent(this, cariDataBanyak13.class);
706        startActivity(intent);
707    }
708
709    public void bantuanBanyak13(View view) {
710        Intent intent = new Intent(this, bantuanBanyak13.class);
711        startActivity(intent);
712    }
713
714    public void aboutUsBanyak13(View view) {
715        Intent intent = new Intent(this, aboutUsBanyak13.class);
716        startActivity(intent);
717    }
717
718    public void settingBanyak13(View view) {
719        Intent intent = new Intent(this, settingBanyak13.class);
720        startActivity(intent);
721    }
721
722    public void helpBanyak13(View view) {
723        Intent intent = new Intent(this, helpBanyak13.class);
724        startActivity(intent);
725    }
725
726    public void exitAppBanyak13(View view) {
727        finish();
728    }
728
729    public void berandaBanyak14(View view) {
730        Intent intent = new Intent(this, BerandaBanyak14.class);
731        startActivity(intent);
732    }
733
734    public void tambahDataBanyak14(View view) {
735        Intent intent = new Intent(this, tambahDataBanyak14.class);
736        startActivity(intent);
737    }
738
739    public void hapusDataBanyak14(View view) {
740        Intent intent = new Intent(this, hapusDataBanyak14.class);
741        startActivity(intent);
742    }
743
744    public void editDataBanyak14(View view) {
745        Intent intent = new Intent(this, editDataBanyak14.class);
746        startActivity(intent);
747    }
748
749    public void cariDataBanyak14(View view) {
750        Intent intent = new Intent(this, cariDataBanyak14.class);
751        startActivity(intent);
752    }
753
754    public void bantuanBanyak14(View view) {
755        Intent intent = new Intent(this, bantuanBanyak14.class);
756        startActivity(intent);
757    }
758
759    public void aboutUsBanyak14(View view) {
760        Intent intent = new Intent(this, aboutUsBanyak14.class);
761        startActivity(intent);
762    }
762
763    public void settingBanyak14(View view) {
764        Intent intent = new Intent(this, settingBanyak14.class);
765        startActivity(intent);
766    }
766
767    public void helpBanyak14(View view) {
768        Intent intent = new Intent(this, helpBanyak14.class);
769        startActivity(intent);
770    }
770
771    public void exitAppBanyak14(View view) {
772        finish();
773    }
773
774    public void berandaBanyak15(View view) {
775        Intent intent = new Intent(this, BerandaBanyak15.class);
776        startActivity(intent);
777    }
778
779    public void tambahDataBanyak15(View view) {
780        Intent intent = new Intent(this, tambahDataBanyak15.class);
781        startActivity(intent);
782    }
783
784    public void hapusDataBanyak15(View view) {
785        Intent intent = new Intent(this, hapusDataBanyak15.class);
786        startActivity(intent);
787    }
788
789    public void editDataBanyak15(View view) {
790        Intent intent = new Intent(this, editDataBanyak15.class);
791        startActivity(intent);
792    }
793
794    public void cariDataBanyak15(View view) {
795        Intent intent = new Intent(this, cariDataBanyak15.class);
796        startActivity(intent);
797    }
798
799    public void bantuanBanyak15(View view) {
800        Intent intent = new Intent(this, bantuanBanyak15.class);
801        startActivity(intent);
802    }
803
804    public void aboutUsBanyak15(View view) {
805        Intent intent = new Intent(this, aboutUsBanyak15.class);
806        startActivity(intent);
807    }
807
808    public void settingBanyak15(View view) {
809        Intent intent = new Intent(this, settingBanyak15.class);
810        startActivity(intent);
811    }
811
812    public void helpBanyak15(View view) {
813        Intent intent = new Intent(this, helpBanyak15.class);
814        startActivity(intent);
815    }
815
816    public void exitAppBanyak15(View view) {
817        finish();
818    }
818
819    public void berandaBanyak16(View view) {
820        Intent intent = new Intent(this, BerandaBanyak16.class);
821        startActivity(intent);
822    }
823
824    public void tambahDataBanyak16(View view) {
825        Intent intent = new Intent(this, tambahDataBanyak16.class);
826        startActivity(intent);
827    }
828
829    public void hapusDataBanyak16(View view) {
830        Intent intent = new Intent(this, hapusDataBanyak16.class);
831        startActivity(intent);
832    }
833
834    public void editDataBanyak16(View view) {
835        Intent intent = new Intent(this, editDataBanyak16.class);
836        startActivity(intent);
837    }
838
839    public void cariDataBanyak16(View view) {
840        Intent intent = new Intent(this, cariDataBanyak16.class);
841        startActivity(intent);
842    }
843
844    public void bantuanBanyak16(View view) {
845        Intent intent = new Intent(this, bantuanBanyak16.class);
846        startActivity(intent);
847    }
848
849    public void aboutUsBanyak16(View view) {
850        Intent intent = new Intent(this, aboutUsBanyak16.class);
851        startActivity(intent);
852    }
852
853    public void settingBanyak16(View view) {
854        Intent intent = new Intent(this, settingBanyak16.class);
855        startActivity(intent);
856    }
856
857    public void helpBanyak16(View view) {
858        Intent intent = new Intent(this, helpBanyak16.class);
859        startActivity(intent);
860    }
860
861    public void exitAppBanyak16(View view) {
862        finish();
863    }
863
864    public void berandaBanyak17(View view) {
865        Intent intent = new Intent(this, BerandaBanyak17.class);
866        startActivity(intent);
867    }
868
869    public void tambahDataBanyak17(View view) {
870        Intent intent = new Intent(this, tambahDataBanyak17.class);
871        startActivity(intent);
872    }
873
874    public void hapusDataBanyak17(View view) {
875        Intent intent = new Intent(this, hapusDataBanyak17.class);
876        startActivity(intent);
877    }
878
879    public void editDataBanyak17(View view) {
880        Intent intent = new Intent(this, editDataBanyak17.class);
881        startActivity(intent);
882    }
883
884    public void cariDataBanyak17(View view) {
885        Intent intent = new Intent(this, cariDataBanyak17.class);
886        startActivity(intent);
887    }
888
889    public void bantuanBanyak17(View view) {
890        Intent intent = new Intent(this, bantuanBanyak17.class);
891        startActivity(intent);
892    }
893
894    public void aboutUsBanyak17(View view) {
895        Intent intent = new Intent(this, aboutUsBanyak17.class);
896        startActivity(intent);
897    }
897
898    public void settingBanyak17(View view) {
899        Intent intent = new Intent(this, settingBanyak17.class);
900        startActivity(intent);
901    }
901
902    public void helpBanyak17(View view) {
903        Intent intent = new Intent(this, helpBanyak17.class);
904        startActivity(intent);
905    }
905
906    public void exitAppBanyak17(View view) {
907        finish();
908    }
908
909    public void berandaBanyak18(View view) {
910        Intent intent = new Intent(this, BerandaBanyak18.class);
911        startActivity(intent);
912    }
913
914    public void tambahDataBanyak18(View view) {
915        Intent intent = new Intent(this, tambahDataBanyak18.class);
916        startActivity(intent);
917    }
918
919    public void hapusDataBanyak18(View view) {
920        Intent intent = new Intent(this, hapusDataBanyak18.class);
921        startActivity(intent);
922    }
923
924    public void editDataBanyak18(View view) {
925        Intent intent = new Intent(this, editDataBanyak18.class);
926        startActivity(intent);
927    }
928
929    public void cariDataBanyak18(View view) {
930        Intent intent = new Intent(this, cariDataBanyak18.class);
931        startActivity(intent);
932    }
933
934    public void bantuanBanyak18(View view) {
935        Intent intent = new Intent(this, bantuanBanyak18.class);
936        startActivity(intent);
937    }
938
939    public void aboutUsBanyak18(View view) {
940        Intent intent = new Intent(this, aboutUsBanyak18.class);
941        startActivity(intent);
942    }
942
943    public void settingBanyak18(View view) {
944        Intent intent = new Intent(this, settingBanyak18.class);
945        startActivity(intent);
946    }
946
947    public void helpBanyak18(View view) {
948        Intent intent = new Intent(this, helpBanyak18.class);
949        startActivity(intent);
950    }
950
951    public void exitAppBanyak18(View view) {
952        finish();
953    }
953
954    public void berandaBanyak19(View view) {
955        Intent intent = new Intent(this, BerandaBanyak19.class);
956        startActivity(intent);
957    }
958
959    public void tambahDataBanyak19(View view) {
960        Intent intent = new Intent(this, tambahDataBanyak19.class);
961        startActivity(intent);
962    }
963
964    public void hapusDataBanyak19(View view) {
965        Intent intent = new Intent(this, hapusDataBanyak19.class);
966        startActivity(intent);
967    }
968
969    public void editDataBanyak19(View view) {
970        Intent intent = new Intent(this, editDataBanyak19.class);
971        startActivity(intent);
972    }
973
974    public void cariDataBanyak19(View view) {
975        Intent intent = new Intent(this, cariDataBanyak19.class);
976        startActivity(intent);
977    }
978
979    public void bantuanBanyak19(View view) {
980        Intent intent = new Intent(this, bantuanBanyak19.class);
981        startActivity(intent);
982    }
983
984    public void aboutUsBanyak19(View view) {
985        Intent intent = new Intent(this, aboutUsBanyak19.class);
986        startActivity(intent);
987    }
987
988    public void settingBanyak19(View view) {
989        Intent intent = new Intent(this, settingBanyak19.class);
990        startActivity(intent);
991    }
991
992    public void helpBanyak19(View view) {
993        Intent intent = new Intent(this, helpBanyak19.class);
994        startActivity(intent);
995    }
995
996    public void exitAppBanyak19(View view) {
997        finish();
998    }
998
999    public void berandaBanyak20(View view) {
1000        Intent intent = new Intent(this, BerandaBanyak20.class);
1001        startActivity(intent);
1002    }
1003
1004    public void tambahDataBanyak20(View view) {
1005        Intent intent = new Intent(this, tambahDataBanyak20.class);
1006        startActivity(intent);
1007    }
1008
1009    public void hapusDataBanyak20(View view) {
1010        Intent intent = new Intent(this, hapusDataBanyak20.class);
1011        startActivity(intent);
1012    }
1013
1014    public void editDataBanyak20(View view) {
1015        Intent intent = new Intent(this, editDataBanyak20.class);
1016        startActivity(intent);
1017    }
1018
1019    public void cariDataBanyak20(View view) {
1020        Intent intent = new Intent(this, cariDataBanyak20.class);
1021        startActivity(intent);
1022    }
1023
1024    public void bantuanBanyak20(View view) {
1025        Intent intent = new Intent(this, bantuanBanyak20.class);
1026        startActivity(intent);
1027    }
1028
1029    public void aboutUsBanyak20(View view) {
1030        Intent intent = new Intent(this, aboutUsBanyak20.class);
1031        startActivity(intent);
1032    }
1032
1033    public void settingBanyak20(View view) {
1034        Intent intent = new Intent(this, settingBanyak20.class);
1035        startActivity(intent);
1036    }
1036
1037    public void helpBanyak20(View view) {
1038        Intent intent = new Intent(this, helpBanyak20.class);
1039        startActivity(intent);
1040    }
1040
1041    public void exitAppBanyak20(View view) {
1042        finish();
1043    }
1043
1044    public void berandaBanyak21(View view) {
1045        Intent intent = new Intent(this, BerandaBanyak21.class);
1046        startActivity(intent);
1047    }
1048
1049    public void tambahDataBanyak21(View view) {
1050        Intent intent = new Intent(this, tambahDataBanyak21.class);
1051        startActivity(intent);
1052    }
1053
1054    public void hapusDataBanyak21(View view) {
1055        Intent intent = new Intent(this, hapusDataBanyak21.class);
1056        startActivity(intent);
1057    }
1058
1059    public void editDataBanyak21(View view) {
1060        Intent intent = new Intent(this, editDataBanyak21.class);
1061        startActivity(intent);
1062    }
1063
1064    public void cariDataBanyak21(View view) {
1065        Intent intent = new Intent(this, cariDataBanyak21.class);
1066        startActivity(intent);
1067    }
1068
1069    public void bantuanBanyak21(View view) {
1070        Intent intent = new Intent(this, bantuanBanyak21.class);
1071        startActivity(intent);
1072    }
1073
1074    public void aboutUsBanyak21(View view) {
1075        Intent intent = new Intent(this, aboutUsBanyak21.class);
1076        startActivity(intent);
1077    }
1077
1078    public void settingBanyak21(View view) {
1079        Intent intent = new Intent(this, settingBanyak21.class);
1080        startActivity(intent);
1081    }
1081
1082    public void helpBanyak21(View view) {
1083        Intent intent = new Intent(this, helpBanyak21.class);
1084        startActivity(intent);
1085    }
1085
1086    public void exitAppBanyak21(View view) {
1087        finish();
1088    }
1088
1089    public void berandaBanyak22(View view) {
1090        Intent intent = new Intent(this, BerandaBanyak22.class);
1091        startActivity(intent);
1092    }
1093
1094    public void tambahDataBanyak22(View view) {
1095        Intent intent = new Intent(this, tambahDataBanyak22.class);
1096        startActivity(intent);
1097    }
1098
10
```

Three screenshots of the Android Studio interface showing the code editor and design view for the activity_tampil_pegawai.xml layout file.

Screenshot 1:

```

<FrameLayout
    android:id="@+id/f2"
    android:layout_toRightOf="@+id/b1"
    android:layout_width="120dp"
    android:layout_height="49dp"
    android:background="@drawable/shape"
    android:backgroundTint="#2C2F56"
    android:layout_marginLeft="5dp"
    android:layout_marginRight="5dp">
```

Screenshot 2:

```

<FrameLayout
    android:id="@+id/f1"
    android:layout_width="120dp"
    android:layout_height="49dp"
    android:background="@drawable/shape"
    android:backgroundTint="#2C2F56"
    android:layout_gravity="center_horizontal"
    android:onClick="refresh"
    android:textSize="12dp"
    android:fontFamily="@font/sora_semiBold"
    android:textColor="@color/white"/>
```

Screenshot 3:

```

<FrameLayout
    android:id="@+id/b1"
    android:layout_width="80dp"
    android:layout_height="49dp"
    android:background="@drawable/shape"
    android:backgroundTint="#2C2F56">
```

Three screenshots of the Android Studio interface showing the XML code for the activity_main.xml layout file.

```

<EditText
    android:id="@+id/editTextName"
    android:layout_width="270dp"
    android:layout_height="30dp"
    android:layout_gravity="center"
    android:background="@color/colorPrimaryDark"
    android:hint="Nama Pegawai"
    android:gravity="center"
    android:textSize="12sp"
    android:fontFamily="@font/sora_sansbold"
    android:layout_marginTop="10dp"/>
<EditText
    android:id="@+id/editTextDesc"
    android:layout_width="270dp"
    android:layout_height="30dp"
    android:layout_gravity="center"
    android:background="@color/colorPrimaryDark"
    android:hint="Alamat Pegawai"
    android:gravity="center"
    android:textSize="12sp"
    android:fontFamily="@font/sora_sansregular"
    android:layout_marginTop="10dp"/>

```

The XML code defines two EditText fields with specific dimensions, gravity, and font families. The first field has a hint of "Nama Pegawai" and the second has a hint of "Alamat Pegawai". Both fields have a top margin of 10dp and a background color of #00008B (dark blue).

Three screenshots of the Android Studio interface showing the XML code for the activity_main.xml layout file.

Screenshot 1:

```

<EditText
    android:id="@+id/editTextName"
    android:layout_width="270dp"
    android:layout_height="35dp"
    android:layout_gravity="center"
    android:background="#00BFFF"
    android:hint="Nama"
    android:gravity="center"
    android:textSize="12sp"
    android:fontFamily="Font/Soraregular"
    android:layout_marginTop="10dp"
    android:background="@drawable/shape"
    android:id="@+id/editTextName" />
<EditText
    android:layout_width="270dp"
    android:layout_height="35dp"
    android:layout_gravity="center"
    android:background="#00BFFF"
    android:gravity="center"
    android:textSize="12sp"
    android:fontFamily="Font/Soraregular"
    android:layout_marginTop="10dp"
    android:background="@drawable/shape"
    android:id="@+id/editTextDept" />

```

Screenshot 2:

```

<@RelativeLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:layout_marginTop="10dp">
<FrameLayout
    android:id="@+id/b10"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="#20C99A"
    android:background="@drawable/shape"
    android:backgroundTint="#20C99A">
<Button
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="#20C99A"
    android:layout_gravity="center_horizontal"
    android:padding="5dp"
    android:scaleType="center"
    android:fontFamily="Font/Soraregularbold"
    android:textColor="#B0C4DE"
    android:text="Update" />

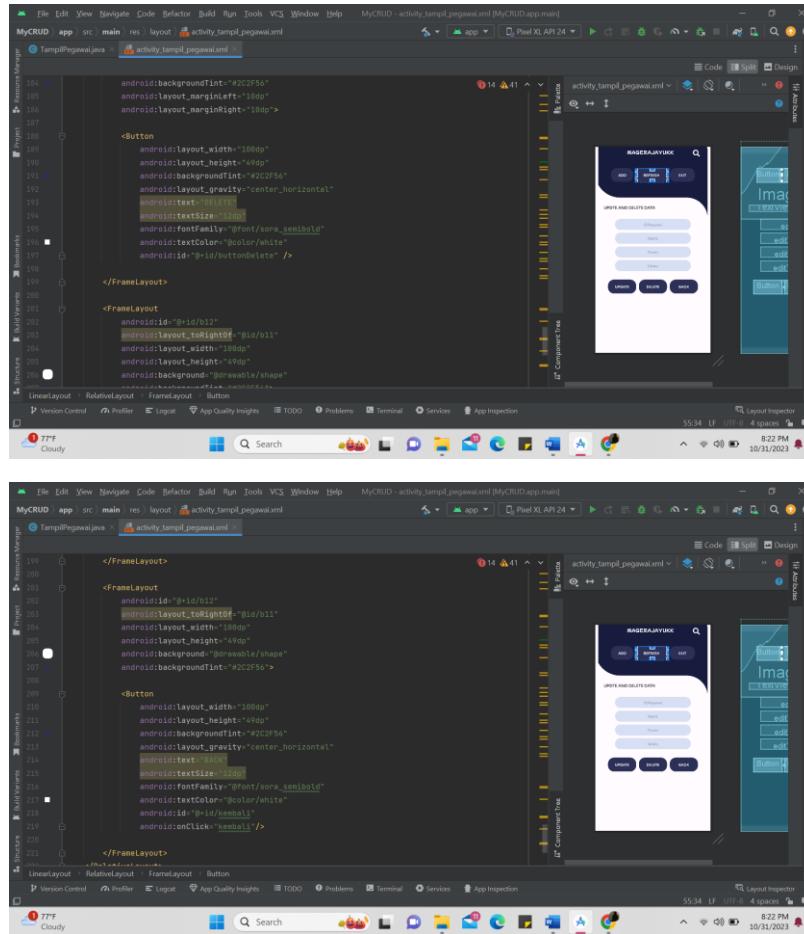
```

Screenshot 3:

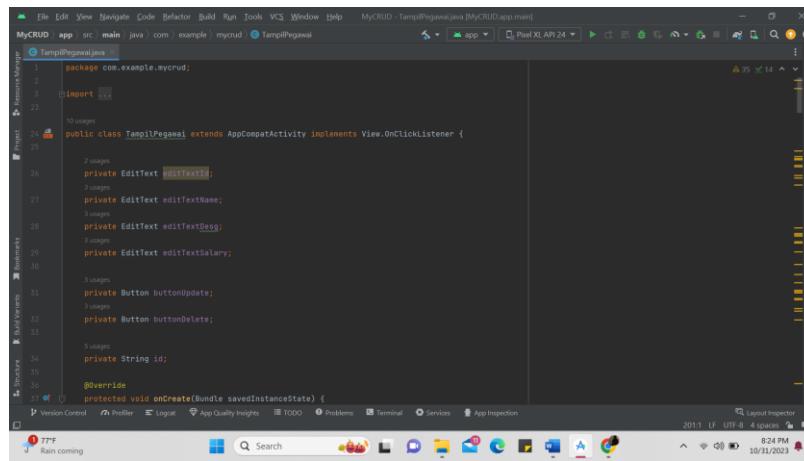
```

<FrameLayout
    android:layout_width="180dp"
    android:layout_height="40dp"
    android:background="#20C99A"
    android:layout_gravity="center_horizontal"
    android:text="Update"
    android:textSize="12sp"
    android:fontFamily="Font/Soraregularbold"
    android:textColor="#B0C4DE"
    android:id="@+id/buttonUpdate" />
<FrameLayout
    android:id="@+id/b11"
    android:layout_toRight="@+id/b10"
    android:layout_width="180dp"
    android:layout_height="40dp"
    android:background="#20C99A"
    android:background="@drawable/shape"
    android:backgroundTint="#20C99A"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp">
<Button
    android:layout_width="180dp"
    android:layout_height="40dp"
    android:background="#20C99A"
    android:layout_gravity="center"
    android:padding="5dp"
    android:scaleType="center"
    android:fontFamily="Font/Soraregularbold"
    android:textColor="#B0C4DE"
    android:text="Delete" />

```



- Running Program



```
MyCRUD app src main java com.example.mycrud.TampilPegawai 35 14 ~
File Edit View Navagate Code Refactor Build Run Tools VCS Window Help MyCRUD - TamplPegawai [myCRUD/app/main]
TampilPegawai.java
10
11
12
13
14
15
16
17
18
19
20
21
22
23
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34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
3 usages
private Button buttonUpdate;
3 usages
private Button buttonDelete;
5 usages
private String id;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_tampil_pegawai);

    Intent intent = getIntent();
    id = intent.getStringExtra(konfigurasi.EMP_ID);

    editTextId = (EditText) findViewById(R.id.editTextId);
    editTextName = (EditText) findViewById(R.id.editTextName);
    editTextDesp = (EditText) findViewById(R.id.editTextDesp);
    editTextSalary = (EditText) findViewById(R.id.editTextSalary);

    buttonUpdate = (Button) findViewById(R.id.buttonUpdate);
    buttonDelete = (Button) findViewById(R.id.buttonDelete);
}

```

```
buttonDelete = (Button) findViewById(R.id.buttonDelete);
buttonDelete.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        editTextId.setText(id);
        getEmployee();
    }
});

private void getEmployee(){
    class GetEmployee extends AsyncTask<Void,Void,String>{
        ProgressDialog loading;
        @Override
        protected void onPreExecute() {
            super.onPreExecute();
            loading = ProgressDialog.show(TampilPegawai.this, "Fetching...", "Wait...", false, false);
        }

        @Override
        protected void onPostExecute(String s) {
            super.onPostExecute(s);
            loading.dismiss();
        }
    }
}
```

```
    @Override
    protected void onPostExecute(String s) {
        super.onPostExecute(s);
        loading.dismiss();
        showEmployee(s);
    }

    @Override
    protected String doInBackground(Void... params) {
        RequestHandler rh = new RequestHandler();
        String s = rh.sendGetRequestParam(konfigurasi.URL_GET_EMP_ID);
        return s;
    }
}

GetEmployee ge = new GetEmployee();
ge.execute();

private void showEmployee(String json){
    try {
        JSONObject jsonObject = new JSONObject(json);
        JSONArray result = jsonObject.getJSONArray(konfigurasi.TAG_JSON_ARRAY);
        JSONObject c = result.getJSONObject(0);
        String name = c.getString(konfigurasi.TAG_NAME);
    }
}
```

```

private void showEmployee(String json) {
    try {
        JSONObject jsonObject = new JSONObject(json);
        JSONArray result = jsonObject.getJSONArray(konfigurasi.TAG_JSON_ARRAY);
        JSONObject c = result.getJSONObject(0);
        String name = c.getString(konfigurasi.TAG_NAME);
        String desg = c.getString(konfigurasi.TAG_POSISI);
        String sal = c.getString(konfigurasi.TAG_GAJIH);

        editTextName.setText(name);
        editTextDesg.setText(desg);
        editTextSalary.setText(sal);
    } catch (JSONException e) {
        e.printStackTrace();
    }
}

private void updateEmployee() {
    final String name = editTextName.getText().toString().trim();
    final String desg = editTextDesg.getText().toString().trim();
    final String salary = editTextSalary.getText().toString().trim();

    class UpdateEmployee extends AsyncTask<Void, Void, String> {
        ProgressDialog loading;

        @Override
        protected void onPreExecute() {
            super.onPreExecute();
            loading = ProgressDialog.show(TampilPegawai.this, "Updating...", "Wait...", false, false);
        }

        @Override
        protected void onPostExecute(String s) {
            super.onPostExecute(s);
            loading.dismiss();
            Toast.makeText(TampilPegawai.this, s, Toast.LENGTH_LONG).show();
        }

        @Override
        protected String doInBackground(Void... params) {
            HashMap<String, String> hashMap = new HashMap<>();
            hashMap.put(konfigurasi.URL_ID, ID);
            hashMap.put(konfigurasi.KEY_EMP_POSISI, desg);
            hashMap.put(konfigurasi.KEY_EMP_GAJIH, salary);

            RequestHandler rh = new RequestHandler();

            String s = rh.sendPostRequest(konfigurasi.URL_UPDATE_EMP, hashMap);

            return s;
        }
    }
    UpdateEmployee ue = new UpdateEmployee();
    ue.execute();
}

private void deleteEmployee() {
    class DeleteEmployee extends AsyncTask<Void, Void, String> {
        ProgressDialog loading;
    }
}

```

Syntax UPDATE

```

private void updateEmployee() {
    final String name = editTextName.getText().toString().trim();
    final String desg = editTextDesg.getText().toString().trim();
    final String salary = editTextSalary.getText().toString().trim();

    class UpdateEmployee extends AsyncTask<Void, Void, String>{
        ProgressDialog loading;
        @Override

```

```

        protected void onPreExecute() {
            super.onPreExecute();
            loading =
        ProgressDialog.show(TampilPegawai.this,"Updating...","Wait...",false,false);
    }

    @Override
    protected void onPostExecute(String s) {
        super.onPostExecute(s);
        loading.dismiss();
        Toast.makeText(TampilPegawai.this,s,Toast.LENGTH_LONG).show();
    }

    @Override
    protected String doInBackground(Void... params) {
        HashMap<String, String> hashMap = new HashMap<>();
        hashMap.put(konfigurasi.KEY_EMP_ID,id);
        hashMap.put(konfigurasi.KEY_EMP_NAMA,name);
        hashMap.put(konfigurasi.KEY_EMP_POSISI,desg);
        hashMap.put(konfigurasi.KEY_EMP_GAJIH,salary);

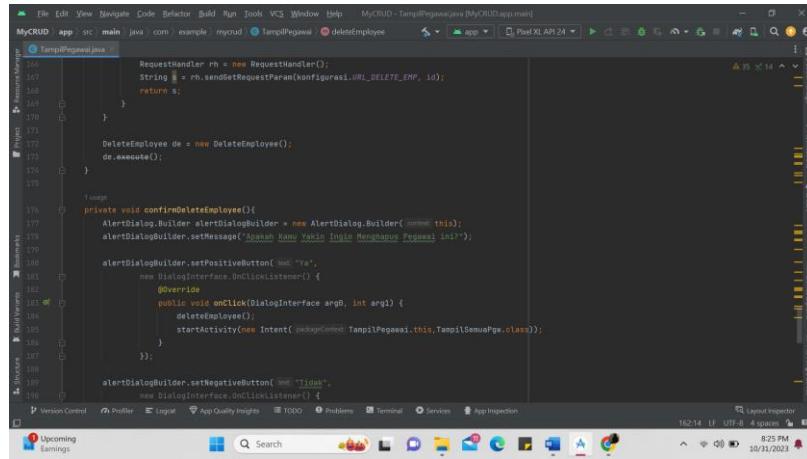
        RequestHandler rh = new RequestHandler();

        String s =
        rh.sendPostRequest(konfigurasi.URL_UPDATE_EMP,hashMap);

        return s;
    }
}

UpdateEmployee ue = new UpdateEmployee();
ue.execute();
}

```



Syntax Delete

```

private void deleteEmployee() {
    class DeleteEmployee extends AsyncTask<Void,Void,String> {
        ProgressDialog loading;

        @Override
        protected void onPreExecute() {
            super.onPreExecute();
            loading = ProgressDialog.show(TampilPegawai.this, "Updating...", "Tunggu...", false, false);
        }

        @Override
        protected void onPostExecute(String s) {
            super.onPostExecute(s);
            loading.dismiss();
            Toast.makeText(TampilPegawai.this, s, Toast.LENGTH_LONG).show();
        }

        @Override
        protected String doInBackground(Void... params) {
            RequestHandler rh = new RequestHandler();
            String s = rh.sendGetRequestParam(konfigurasi.URL_DELETE_EMP,
id);
            return s;
        }
    }

    DeleteEmployee de = new DeleteEmployee();
    de.execute();
}

private void confirmDeleteEmployee() {
    AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
    alertDialogBuilder.setMessage("Apakah Kamu Yakin Ingin Menghapus Pegawai ini?");

    alertDialogBuilder.setPositiveButton("Ya",
new DialogInterface.OnClickListener() {
    @Override

```

```

        public void onClick(DialogInterface arg0, int arg1) {
            deleteEmployee();
            startActivity(new
Intent(TampilPegawai.this, TampilSemuaPgw.class));
        }
    });

alertDialogBuilder.setNegativeButton("Tidak",
        new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface arg0, int arg1) {

            }
        });
}

AlertDialog alertDialog = alertDialogBuilder.create();
alertDialog.show();
}

```

```

116    }
117
118    alertDialogBuilder.setNegativeButton("Tidak",
119        new DialogInterface.OnClickListener() {
120            @Override
121            public void onClick(DialogInterface arg0, int arg1) {

122            }
123        });
124
125
126    AlertDialog alertDialog = alertDialogBuilder.create();
127    alertDialog.show();
128
129
130    public void onClick(View v) {
131        if(v == buttonUpdate){
132            updateEmployee();
133        }
134
135        if(v == buttonDelete){
136            confirmDeleteEmployee();
137        }
138    }
139
140
141    private void updateEmployee() {
142
143        Intent intent = new Intent(getApplicationContext(),
144            MainActivity.class);
145        intent.putExtra("id", id);
146        intent.putExtra("name", name);
147        intent.putExtra("age", age);
148        intent.putExtra("gender", gender);
149        intent.putExtra("address", address);
150
151        startActivity(intent);
152    }
153
154    private void confirmDeleteEmployee() {
155        AlertDialog.Builder alertDialogBuilder = new
156            AlertDialog.Builder(this);
157
158        alertDialogBuilder.setTitle("Konfirmasi");
159        alertDialogBuilder.setMessage("Anda yakin ingin menghapus pegawai ini?");
160
161        alertDialogBuilder.setPositiveButton("Ya",
162            new DialogInterface.OnClickListener() {
163                @Override
164                public void onClick(DialogInterface arg0, int arg1) {
165
166                    deleteEmployee();
167
168                    Intent intent = new Intent(getApplicationContext(),
169                        MainActivity.class);
170                    intent.putExtra("id", id);
171                    intent.putExtra("name", name);
172                    intent.putExtra("age", age);
173                    intent.putExtra("gender", gender);
174                    intent.putExtra("address", address);
175
176                    startActivity(intent);
177
178                }
179            });
180
181        alertDialogBuilder.setNegativeButton("Tidak",
182            new DialogInterface.OnClickListener() {
183                @Override
184                public void onClick(DialogInterface arg0, int arg1) {

185                }
186            });
187
188        AlertDialog alertDialog = alertDialogBuilder.create();
189        alertDialog.show();
190
191
192        public void onClick(View v) {
193            if(v == buttonUpdate){
194                updateEmployee();
195            }
196
197            if(v == buttonDelete){
198                confirmDeleteEmployee();
199            }
200        }
201
202
203        private void deleteEmployee() {
204
205            String id = id;
206
207            DatabaseReference databaseReference =
208                FirebaseDatabase.getInstance().getReference();
209
210            databaseReference.child("pegawai").child(id).removeValue();
211
212
213        }
214
215
216        public void onBackPressed() {
217            moveTaskToBack(true);
218
219
220        }
221
222        public void onResume() {
223            recreate();
224            Toast.makeText(getApplicationContext(), "Data refreshed!", Toast.LENGTH_SHORT).show();
225        }
226
227
228    }
229
230
231    private void refreshEmployee() {
232
233        Intent intent = new Intent(getApplicationContext(),
234            MainActivity.class);
235
236        startActivity(intent);
237
238
239    }
240
241
242    private void updateEmployee() {
243
244        Intent intent = new Intent(getApplicationContext(),
245            MainActivity.class);
246
247        intent.putExtra("id", id);
248        intent.putExtra("name", name);
249        intent.putExtra("age", age);
250        intent.putExtra("gender", gender);
251        intent.putExtra("address", address);
252
253        startActivity(intent);
254
255
256    }
257
258
259    private void insertEmployee() {
260
261        String id = id;
262
263        DatabaseReference databaseReference =
264            FirebaseDatabase.getInstance().getReference();
265
266        databaseReference.child("pegawai").child(id).setValue(new
267            Pegawai(name, age, gender, address));
268
269
270    }
271
272
273    private void confirmDeleteEmployee() {
274
275        AlertDialog.Builder alertDialogBuilder = new
276            AlertDialog.Builder(this);
277
278        alertDialogBuilder.setTitle("Konfirmasi");
279        alertDialogBuilder.setMessage("Anda yakin ingin menghapus pegawai ini?");
280
281        alertDialogBuilder.setPositiveButton("Ya",
282            new DialogInterface.OnClickListener() {
283                @Override
284                public void onClick(DialogInterface arg0, int arg1) {
285
286                    deleteEmployee();
287
288                    Intent intent = new Intent(getApplicationContext(),
289                        MainActivity.class);
290                    intent.putExtra("id", id);
291                    intent.putExtra("name", name);
292                    intent.putExtra("age", age);
293                    intent.putExtra("gender", gender);
294                    intent.putExtra("address", address);
295
296                    startActivity(intent);
297
298                }
299            });
300
301        alertDialogBuilder.setNegativeButton("Tidak",
302            new DialogInterface.OnClickListener() {
303                @Override
304                public void onClick(DialogInterface arg0, int arg1) {

305                }
306            });
307
308        AlertDialog alertDialog = alertDialogBuilder.create();
309        alertDialog.show();
310
311
312        public void onClick(View v) {
313            if(v == buttonUpdate){
314                updateEmployee();
315            }
316
317            if(v == buttonDelete){
318                confirmDeleteEmployee();
319            }
320        }
321
322
323        private void deleteEmployee() {
324
325            String id = id;
326
327            DatabaseReference databaseReference =
328                FirebaseDatabase.getInstance().getReference();
329
330            databaseReference.child("pegawai").child(id).removeValue();
331
332
333        }
334
335
336        public void onBackPressed() {
337            moveTaskToBack(true);
338
339
340        }
341
342
343        public void onResume() {
344            recreate();
345            Toast.makeText(getApplicationContext(), "Data refreshed!", Toast.LENGTH_SHORT).show();
346        }
347
348
349    }
350
351
352    private void refreshEmployee() {
353
354        Intent intent = new Intent(getApplicationContext(),
355            MainActivity.class);
356
357        startActivity(intent);
358
359
360    }
361
362
363    private void updateEmployee() {
364
365        Intent intent = new Intent(getApplicationContext(),
366            MainActivity.class);
367
368        intent.putExtra("id", id);
369        intent.putExtra("name", name);
370        intent.putExtra("age", age);
371        intent.putExtra("gender", gender);
372        intent.putExtra("address", address);
373
374        startActivity(intent);
375
376
377    }
378
379
380    private void insertEmployee() {
381
382        String id = id;
383
384        DatabaseReference databaseReference =
385            FirebaseDatabase.getInstance().getReference();
386
387        databaseReference.child("pegawai").child(id).setValue(new
388            Pegawai(name, age, gender, address));
389
390
391    }
392
393
394    private void confirmDeleteEmployee() {
395
396        AlertDialog.Builder alertDialogBuilder = new
397            AlertDialog.Builder(this);
398
399        alertDialogBuilder.setTitle("Konfirmasi");
400        alertDialogBuilder.setMessage("Anda yakin ingin menghapus pegawai ini?");
401
402        alertDialogBuilder.setPositiveButton("Ya",
403            new DialogInterface.OnClickListener() {
404                @Override
405                public void onClick(DialogInterface arg0, int arg1) {
406
407                    deleteEmployee();
408
409                    Intent intent = new Intent(getApplicationContext(),
410                        MainActivity.class);
411                    intent.putExtra("id", id);
412                    intent.putExtra("name", name);
413                    intent.putExtra("age", age);
414                    intent.putExtra("gender", gender);
415                    intent.putExtra("address", address);
416
417                    startActivity(intent);
418
419                }
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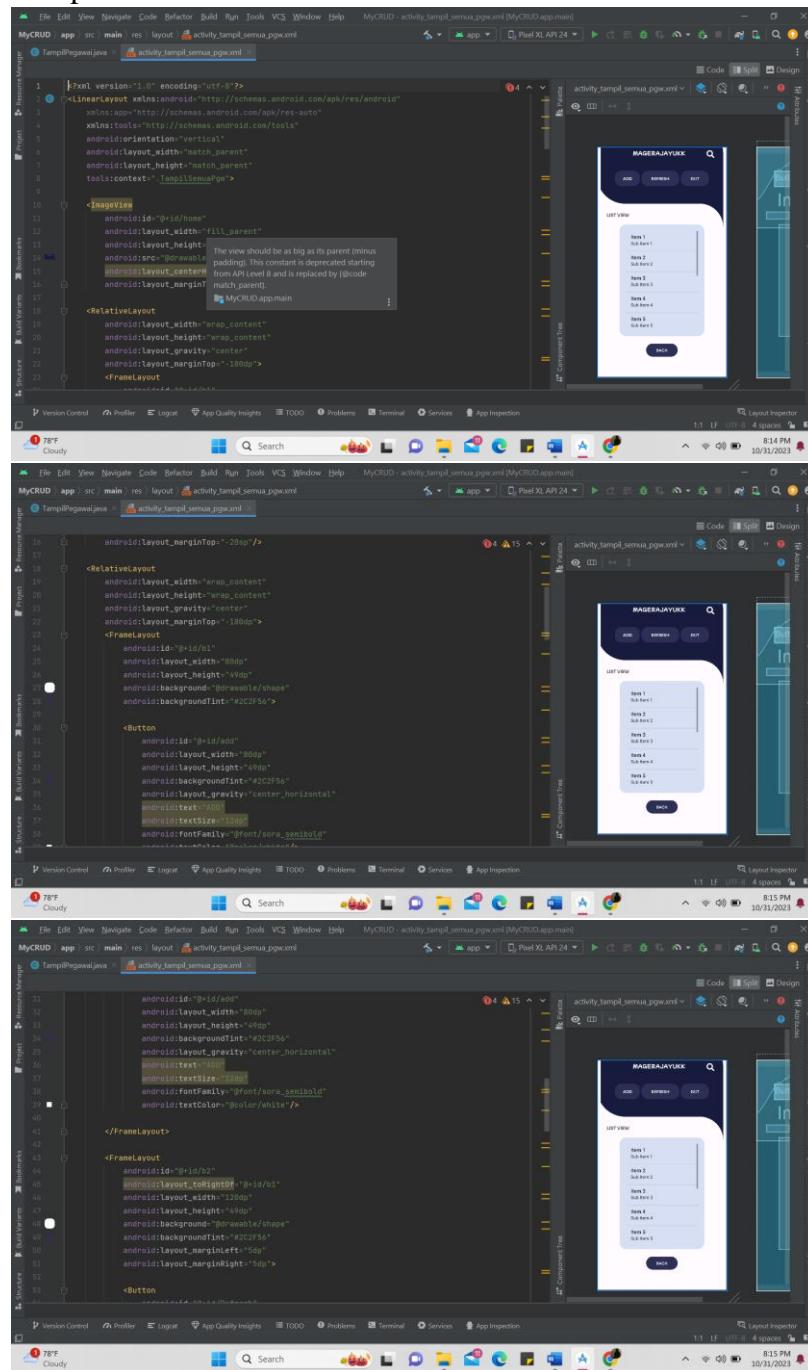
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1404            }
1405
1406            if(v == buttonDelete){
1407                confirmDeleteEmployee();
1408            }
1409        }
1410
1411
1412        private void deleteEmployee() {
1413
1414            String id = id;
1415
1416            DatabaseReference databaseReference =
1417                FirebaseDatabase.getInstance().getReference();
1418
1419            databaseReference.child("pegawai").child(id).removeValue();
1420
1421
1422        }
1423
1424
1425        public void onBackPressed() {
1426            moveTaskToBack(true);
1427
1428
1429        }
1430
1431
1432        public void onResume() {
1433            recreate();
1434            Toast.makeText(getApplicationContext(), "Data refreshed!", Toast.LENGTH_SHORT).show();
1435        }
1436
1437
1438    }
1439
1440
1441    private void refreshEmployee() {
1442
1443        Intent intent = new Intent(getApplicationContext(),
1444            MainActivity.class);
1445
1446        startActivity(intent);
1447
1448
1449    }
1450
1451
1452    private void updateEmployee() {
1453
1454        Intent intent = new Intent(getApplicationContext(),
1455            MainActivity.class);
1456
1457        intent.putExtra("id", id);
1458        intent.putExtra("name", name);
1459        intent.putExtra("age", age);
1460        intent.putExtra("gender", gender);
1461        intent.putExtra("address", address);
1462
1463        startActivity(intent);
1464
1465
1466    }
1467
1468
1469    private void insertEmployee() {
1470
1471        String id = id;
1472
1473        DatabaseReference databaseReference =
1474            FirebaseDatabase.getInstance().getReference();
1475
1476        databaseReference.child("pegawai").child(id).setValue(new
1477            Pegawai(name, age, gender, address));
1478
1479
1480    }
1481
1482
1483    private void confirmDeleteEmployee() {
1484
1485        AlertDialog.Builder alertDialogBuilder = new
1486            AlertDialog.Builder(this);
1487
1488        alertDialogBuilder.setTitle("Konfirmasi");
1489        alertDialogBuilder.setMessage("Anda yakin ingin menghapus pegawai ini?");
1490
1491        alertDialogBuilder.setPositiveButton("Ya",
1492            new DialogInterface.OnClickListener() {
1493                @Override
1494                public void onClick(DialogInterface arg0, int arg1) {
1495
1496                    deleteEmployee();
1497
1498                    Intent intent = new Intent(getApplicationContext(),
1499                        MainActivity.class);
1500                    intent.putExtra("id", id);
1501                    intent.putExtra("name", name);
1502                    intent.putExtra("age", age);
1503                    intent.putExtra("gender", gender);
1504                    intent.putExtra("address", address);
1505
1506                    startActivity(intent);
1507
1508                }
1509            });
1510
1511        alertDialogBuilder.setNegativeButton("Tidak",
1512            new DialogInterface.OnClickListener() {
1513                @Override
1514                public void onClick(DialogInterface arg0, int arg1) {

1515                }
1516            });
1517
1518        AlertDialog alertDialog = alertDialogBuilder.create();
1519        alertDialog.show();
1520
1521
1522        public void onClick(View v) {
1523            if(v == buttonUpdate){
1524                updateEmployee();
1525            }
1526
1527            if(v == buttonDelete){
1528                confirmDeleteEmployee();
1529            }
1530        }
1531
1532
1533        private void deleteEmployee() {
1534
1535            String id = id;
1536
1537            DatabaseReference databaseReference =
1538                FirebaseDatabase.getInstance().getReference();
1539
1540            databaseReference.child("pegawai").child(id).removeValue();
1541
1542
1543        }
1544
1545
1546        public void onBackPressed() {
1547            moveTaskToBack(true);
1548
1549
1550        }
1551
1552
1553        public void onResume() {
1554            recreate();
1555            Toast.makeText(getApplicationContext(), "Data refreshed!", Toast.LENGTH_SHORT).show();
1556        }
1557
1558
1559    }
1560
1561
1562    private void refreshEmployee() {
1563
1564        Intent intent = new Intent(getApplicationContext(),
1565            MainActivity.class);
1566
1567        startActivity(intent);
1568
1569
1570    }
1571
1572
1573    private void updateEmployee() {
1574
1575        Intent intent = new Intent(getApplicationContext(),
1576            MainActivity.class);
1577
1578        intent.putExtra("id", id);
1579        intent.putExtra("name", name);
1580        intent.putExtra("age", age);
1581        intent.putExtra("gender", gender);
1582        intent.putExtra("address", address);
1583
1584        startActivity(intent);
1585
1586
1587    }
1588
1589
1590    private void insertEmployee() {
1591
1592        String id = id;
1593
1594        DatabaseReference databaseReference =
1595            FirebaseDatabase.getInstance().getReference();
1596
1597        databaseReference.child("pegawai").child(id).setValue(new
1598            Pegawai(name, age, gender, address));
1599
1600
1601    }
1602
1603
1604    private void confirmDeleteEmployee() {
1605
160
```

iii. Read Data With JSON

- Tampilan



Three screenshots of an Android application interface are shown, each corresponding to a different line of code in the XML layout file.

```

<FrameLayout
    android:id="@+id/b2"
    android:layout_width="128dp"
    android:layout_height="49dp"
    android:background="@drawable/shape"
    android:backgroundTint="#202F56"
    android:layout_marginLeft="5dp"
    android:layout_marginRight="5dp">

    <Button
        android:id="@+id/refresh"
        android:layout_width="128dp"
        android:layout_height="49dp"
        android:backgroundTint="#202F56"
        android:gravity="center_horizontal"
        android:text="REFRESH"
        android:onClick="refresh"
        android:textSize="12dp"
        android:fontFamily="@font/sans_semibold"
        android:textColor="#color/white"/>

</FrameLayout>

```



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```

        android:textSize="12dp"
        android:fontFamily="@font/sans_semibold"
        android:textColor="#color/white"/>

</FrameLayout>

<FrameLayout
    android:id="@+id/b3"
    android:layout_width="90dp"
    android:layout_height="49dp"
    android:background="@drawable/shape"
    android:backgroundTint="#202F56">

    <Button
        android:id="@+id/exit"
        android:layout_width="90dp"
        android:layout_height="49dp"
        android:backgroundTint="#202F56"
        android:gravity="center_horizontal"
        android:text="EXIT"
        android:onClick="exit"
        android:textSize="12dp"
        android:fontFamily="@font/sans_semibold"
        android:textColor="#color/white"/>

</FrameLayout>

```



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```

        android:layout_width="90dp"
        android:layout_height="49dp"
        android:background="@drawable/shape"
        android:backgroundTint="#202F56">

    <Button
        android:id="@+id/exit"
        android:layout_width="90dp"
        android:layout_height="49dp"
        android:backgroundTint="#202F56"
        android:gravity="center_horizontal"
        android:text="EXIT"
        android:onClick="exit"
        android:textSize="12dp"
        android:fontFamily="@font/sans_semibold"
        android:textColor="#color/white"/>

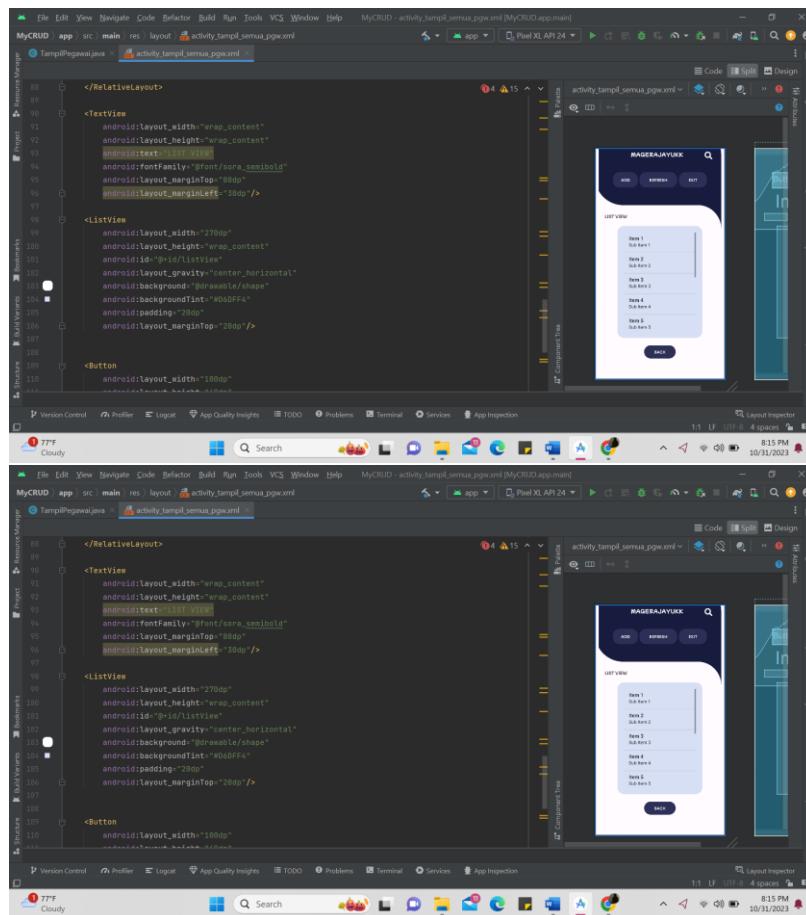
    </FrameLayout>
</RelativeLayout>

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"

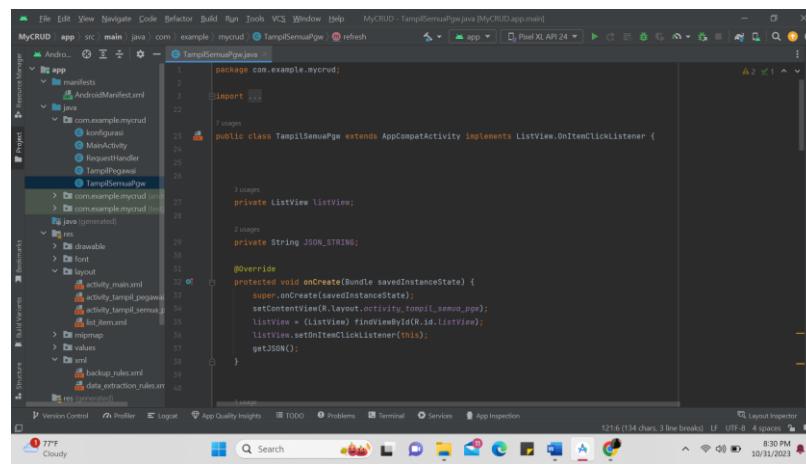
```



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- Running Program



```

private void showEmployee(){
    JSONObject jsonObject = null;
    ArrayList<HashMap<String, String>> list = new ArrayList<>();
    try {
        jsonObject = new JSONObject(JSON_STRING);
        JSONArray result = jsonObject.getJSONArray(konfigurasi.TAG_JSON_ARRAY);

        for(int i = 0; i<result.length(); i++){
            JSONObject jo = result.getJSONObject(i);
            String id = jo.getString(konfigurasi.TAG_ID);
            String name = jo.getString(konfigurasi.TAG_NAME);

            HashMap<String, String> employees = new HashMap<>();
            employees.put(konfigurasi.TAG_ID,id);
            employees.put(konfigurasi.TAG_NAME,name);
            list.add(employees);
        }
    } catch (JSONException e) {
        e.printStackTrace();
    }

    ListAdapter adapter = new SimpleAdapter(
        TampilSemuaRow.this, list, R.layout.list_item,
        new String[]{konfigurasi.TAG_ID, konfigurasi.TAG_NAME},
        new int[]{R.id.id, R.id.name}
    );
    listView.setAdapter(adapter);
}

```

```
    74
    75     ProgressDialog loading;
    76
    77     @Override
    78     protected void onPostExecute() {
    79         super.onPostExecute();
    80         loading = ProgressDialog.show(TampilSemuaPgw.this, "Mengambil", "Mohon Tunggu...", true);
    81     }
    82
    83     @Override
    84     protected void onPostExecute(String s) {
    85         super.onPostExecute(s);
    86         loading.dismiss();
    87         JSON_STMING = s;
    88         showEmployee();
    89     }
    90
    91     @Override
    92     protected String doInBackground(Void... params) {
    93         RequestHandler rh = new RequestHandler();
    94         String s = rh.sendGetRequest(konfigurasi.URL_SET_ALL);
    95         return s;
    96     }
    97
    98     GetJSON gj = new GetJSON();
    99     gj.execute();
```

```
    99     GetJSON gj = new GetJSON();
    100    gj.execute();
    101
    102    @Override
    103    public void onItemClick(AdapterView<View> parent, View view, int position, long id) {
    104        Intent intent = new Intent(getApplicationContext(), TampilPegawai.class);
    105        HashMap<String, Object> map = (HashMap<String, Object>)parent.getItemAtPosition(position);
    106        String empId = map.get("konfigurasi.EMP_ID");
    107        intent.putExtra("konfigurasi.EMP_ID", empId);
    108        startActivity(intent);
    109    }
    110
    111    2 usage
    112    public void exit(View view) {
    113        Intent intent = new Intent(getApplicationContext(), TampilSemuaPgw.this, MainActivity.class);
    114        finish();
    115    }
    116
    117    2 usage
    118    public void refresh(View view) {
    119        recreate();
    120        Toast.makeText(getApplicationContext(), "Data refreshed!", Toast.LENGTH_SHORT).show();
    121    }
```

```
    104     String empId = map.get("konfigurasi.EMP_ID");
    105     intent.putExtra("konfigurasi.EMP_ID", empId);
    106     startActivity(intent);
    107
    108    3 usage
    109    public void exit(View view) { moveTaskToBack(true); }
    110
    111    2 usage
    112    public void kembali(View view) {
    113        Intent intent = new Intent(getApplicationContext(), TampilSemuaPgw.this, MainActivity.class);
    114        finish();
    115    }
    116
    117    2 usage
    118    public void refresh(View view) {
    119        recreate();
    120        Toast.makeText(getApplicationContext(), "Data refreshed!", Toast.LENGTH_SHORT).show();
    121    }
```

iv. Running UI & Program With Android

