

Matkul : Pemrograman Perangkat Bergerak - TI – S1

NIM : A11.2019.11688

Nama : Bayu Prasetya Adji Sugiyarto

Pertemuan : 2

Intent two activities



Message Received

TOUCH ME



Java MainActivity

```
package com.example.intent;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void openMainActivity2(View v){
        Intent i = new Intent(this, MainActivity2.class);
        startActivity(i);
    }
}
```

Java MainActivity2

```
package com.example.intent;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity2 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
    }
}
```

LAYOUT

Activity_main

```
<RelativeLayout 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">

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
```

```
        android:layout_centerHorizontal="true"
        android:layout_marginStart="139dp"
        android:layout_marginTop="441dp"
        android:text="Touch me"
        android:onClick="openMainActivity2"/>
</RelativeLayout>
```

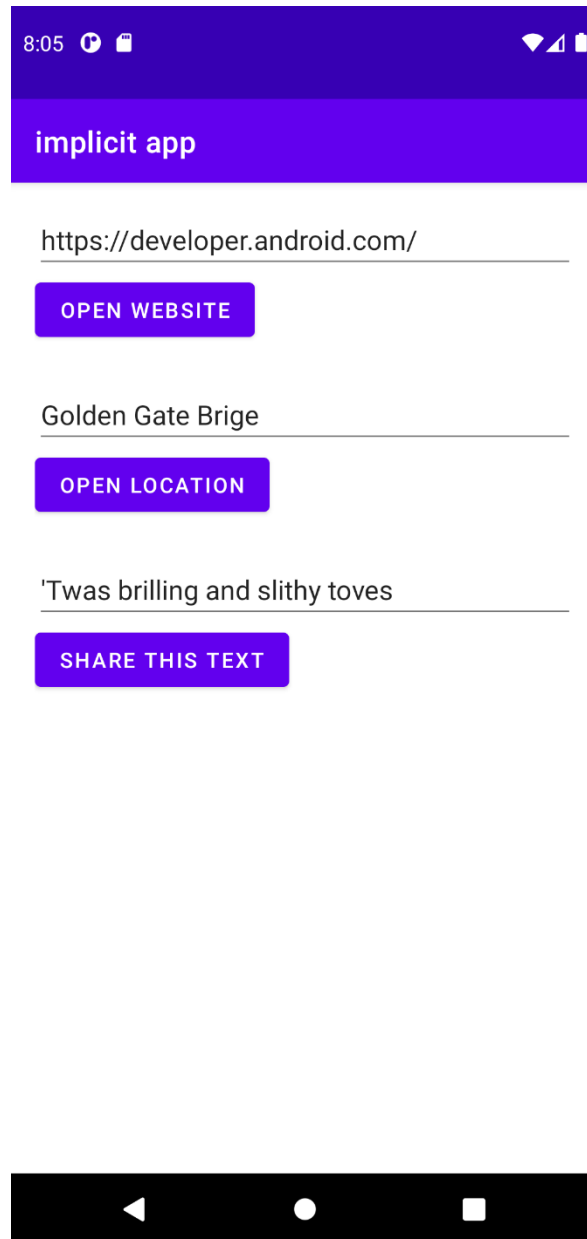
Activity_main2

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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=".MainActivity2">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        android:text="Message Received" />

</RelativeLayout>
```

Implicit App



String.xml

```
<resources>
    <string name="edittext_url">https://developer.android.com/</string>
    <string name="button_url">Open website</string>
    <string name="app_name">implicit app</string>
    <string name="edittext_loc">Golden Gate Brige</string>
    <string name="button_loc">Open Location</string>
    <string name="edittext_share">\'Twas brillling and slithy toves</string>
    <string name="button_share">Share this text</string>
</resources>
```

MainActivity.java

```
package com.example.implicitapp;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ShareCompat;

import android.content.Intent;
import android.net.Uri;
import android.net.UrlQuerySanitizer;
import android.nfc.Tag;
import android.os.Bundle;
import android.os.strictmode.ImplicitDirectBootViolation;
import android.util.Log;
import android.view.View;
import android.widget.EditText;

import java.net.URL;

public class MainActivity extends AppCompatActivity {

    private EditText WebEdittxt;
    private EditText Located;
    private EditText shareedit;

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

        WebEdittxt = findViewById(R.id.link);
        Located = findViewById(R.id.location);
        shareedit = findViewById(R.id.share);
    }

    public void openWebsite(View view) {
        String url = WebEdittxt.getText().toString();

        Uri webpage = Uri.parse(url);

        Intent intent = new Intent(Intent.ACTION_VIEW, webpage);

        if (intent.resolveActivity(getPackageManager()) != null){
            startActivity(intent);
        } else{
            Log.d("ImplicitIntents", "Cant Handle This");
        }
    }
}
```

```

public void openLocation(View view) {
    String Loc = Located.getText().toString();

    Uri address = Uri.parse("geo:0.0?q" + Loc);

    Intent intent = new Intent(Intent.ACTION_VIEW, address);

    if (intent.resolveActivity(getPackageManager()) != null) {
        startActivity(intent);
    } else {
        Log.d("ImplicitIntents", "Cant Handle This");
    }
}

public void sharethistext(View view) {
    String txt = shareedit.getText().toString();

    String mimetype = "text/plain";
    ShareCompat.IntentBuilder
        .from(this)
        .setType(mimetype)
        .setChooserTitle("Share this Text with : ")
        .setText(txt)
        .startChooser();
}
}

```

LAYOUT

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    android:padding="16dp"
    tools:context=".MainActivity">

    <EditText
        android:id="@+id/link"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/edittext_url" />

    <Button
        android:id="@+id/btnlink"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/button_url"
        android:layout_marginBottom="24dp"
        android:onClick="openWebsite" />

    <EditText
        android:id="@+id/location"
        android:layout_width="match_parent"

```

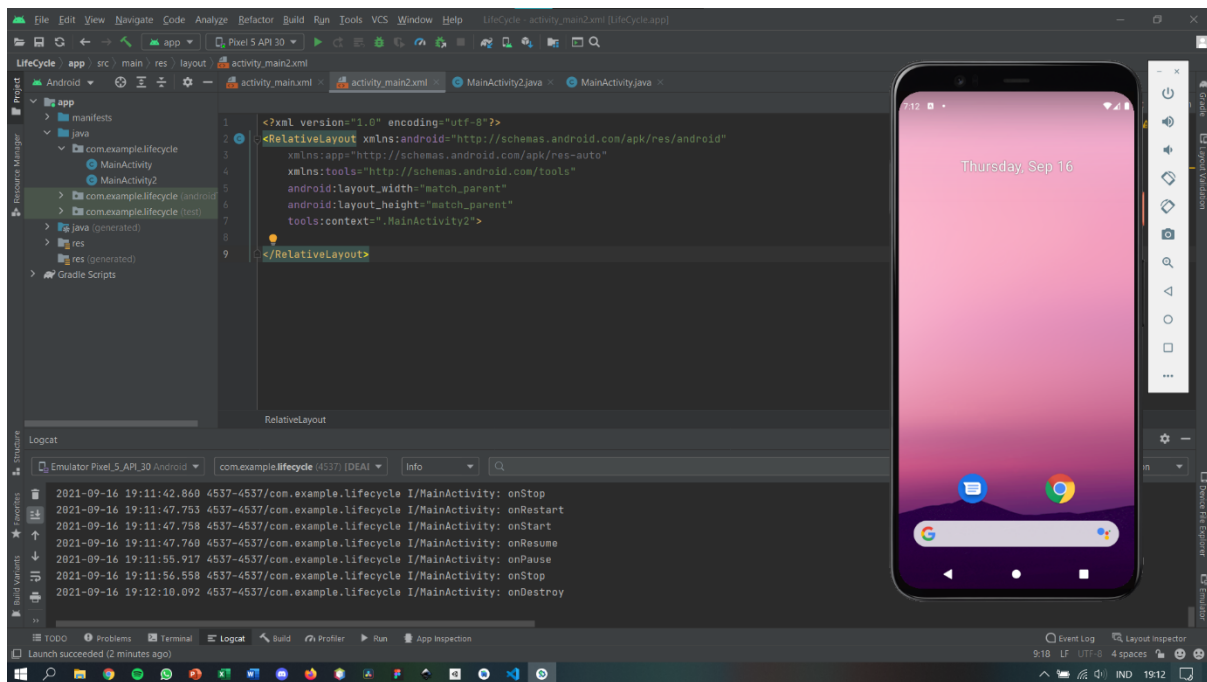
```
        android:layout_height="wrap_content"
        android:text="@string/edittext_loc" />

<Button
    android:id="@+id/btnloc"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/button_loc"
    android:layout_marginBottom="24dp"
    android:onClick="openLocation" />

<EditText
    android:id="@+id/share"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="@string/edittext_share" />

<Button
    android:id="@+id/btnshare"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/button_share"
    android:layout_marginBottom="24dp"
    android:onClick="sharethistext" />
</LinearLayout>
```

Life Cycle Two Activities



MainActivity.java

```
package com.example.lifecycle;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.nfc.Tag;
import android.os.Bundle;
import android.util.Log;
import android.view.View;

public class MainActivity extends AppCompatActivity {

    private static final String TAG = "MainActivity";

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

        Log.i(TAG, "onCreate");
    }

    @Override
    protected void onStart() {
        super.onStart();

        Log.i(TAG, "onStart");
    }

    @Override
    protected void onResume() {
        super.onResume();
    }
}
```



```

        Log.i(TAG, "onResume");
    }

    @Override
    protected void onPause() {
        super.onPause();

        Log.i(TAG, "onPause");
    }

    @Override
    protected void onStop() {
        super.onStop();

        Log.i(TAG, "onStop");
    }

    @Override
    protected void onDestroy() {
        super.onDestroy();

        Log.i(TAG, "onDestroy");
    }

    @Override
    protected void onRestart() {
        super.onRestart();

        Log.i(TAG, "onRestart");
    }

    public void openActivity2(View v) {
        Intent i = new Intent(this, MainActivity2.class);
        startActivity(i);
    }
}

```

Mainactivity2.java

```

package com.example.lifecycle;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;

public class MainActivity2 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
    }
}

```

LAYOUT

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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">

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        android:text="Open Activity 2"
        android:onClick="openActivity2"/>

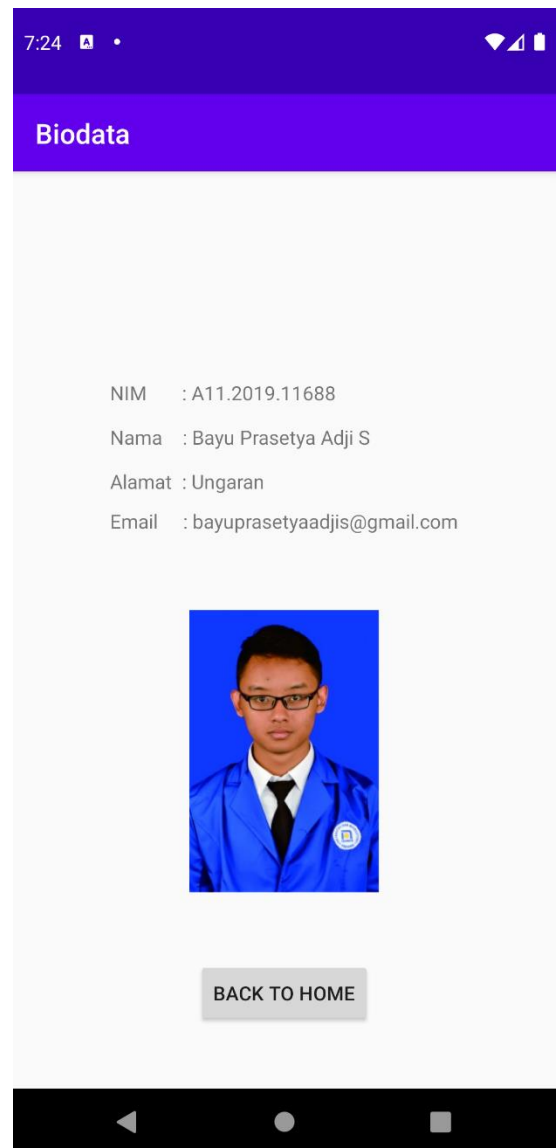
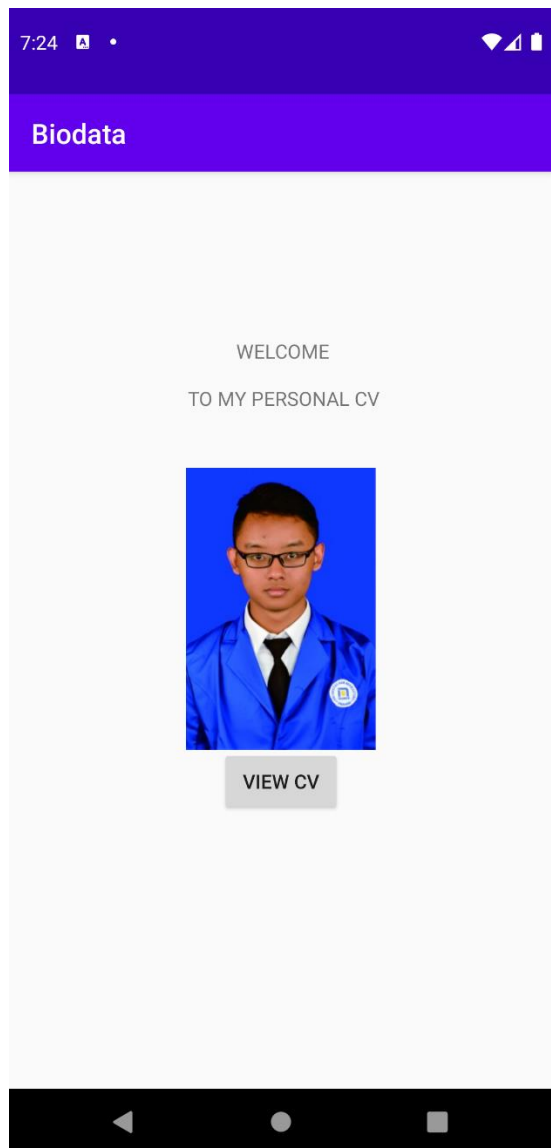
</RelativeLayout>
```

Activity_main2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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=".MainActivity2">

</RelativeLayout>
```

CV/Biodata



Mainactivity.java

```
package com.example.biodata;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {
    private static final String TAG = "MainActivity";

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

        Log.i(TAG, "onCreate");
    }

    @Override
    protected void onStart() {
        super.onStart();

        Log.i(TAG, "onStart");
    }

    @Override
    protected void onResume() {
        super.onResume();

        Log.i(TAG, "onResume");
    }

    @Override
    protected void onPause() {
        super.onPause();

        Log.i(TAG, "onPause");
    }

    @Override
    protected void onStop() {
        super.onStop();

        Log.i(TAG, "onStop");
    }

    @Override
    protected void onDestroy() {
        super.onDestroy();

        Log.i(TAG, "onDestroy");
    }

    @Override
    protected void onRestart() {
        super.onRestart();
    }
}
```

```

        Log.i(TAG, "onRestart");
    }

    public void openActivity2(View v){
        Intent i = new Intent(this, MainActivity2.class);
        startActivity(i);
    }
}

```

Mainactivity2.java

```

package com.example.biodata;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity2 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);

    }

    public void openActivity(View v){
        Intent i = new Intent(this, MainActivity.class);
        startActivity(i);
    }

}

```

LAYOUT

Activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginStart="164dp"
        android:layout_marginTop="120dp"
        android:text="WELCOME" />

    <TextView
        android:layout_width="wrap_content"

```

```

        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginStart="129dp"
        android:layout_marginTop="154dp"
        android:text="TO MY PERSONAL CV" />

<Button
    android:id="@+id/button1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:layout_marginBottom="197dp"
    android:text="VIEW CV"
    android:onClick="openActivity2"/>

<ImageView
    android:id="@+id/imageView2"
    android:layout_width="137dp"
    android:layout_height="212dp"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="210dp"
    app:srcCompat="@drawable/all_2019_11688" />

</RelativeLayout>

```

Activity_main2.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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=".MainActivity2">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerVertical="true"
        android:layout_marginStart="70dp"
        android:layout_marginTop="150dp"
        android:text="NIM          : A11.2019.11688" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerVertical="true"
        android:layout_marginStart="70dp"
        android:layout_marginTop="182dp"
        android:text="Nama          : Bayu Prasetya Adji S" />

```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_centerVertical="true"
    android:layout_marginStart="70dp"
    android:layout_marginTop="214dp"
    android:text="Alamat : Ungaran" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_centerInParent="true"
    android:layout_marginStart="70dp"
    android:layout_marginTop="243dp"
    android:text="Email : bayuprasetyaadjis@gmail.com"/>

<ImageView
    android:id="@+id/imageView2"
    android:layout_width="137dp"
    android:layout_height="212dp"
    android:layout_alignParentTop="true"
    android:layout_centerInParent="true"
    android:layout_marginTop="313dp"
    app:srcCompat="@drawable/all_2019_11688" />

<Button
    android:id="@+id/back"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:layout_marginBottom="45dp"
    android:onClick="openActivity"
    android:text="BACK TO HOME" />
</RelativeLayout>
```