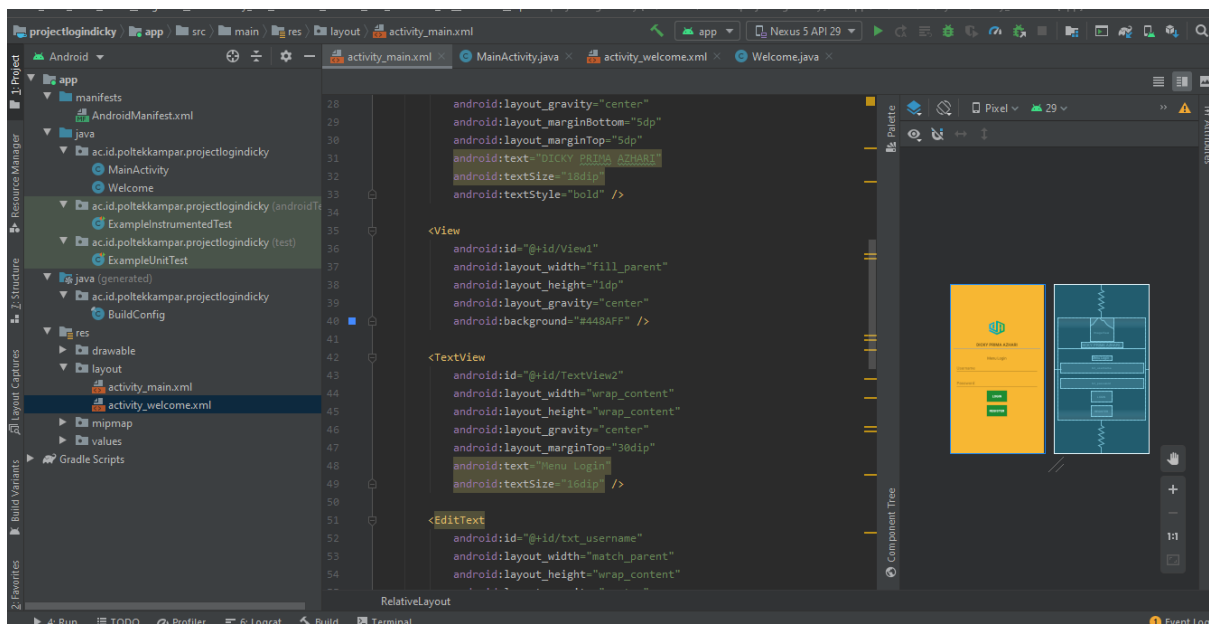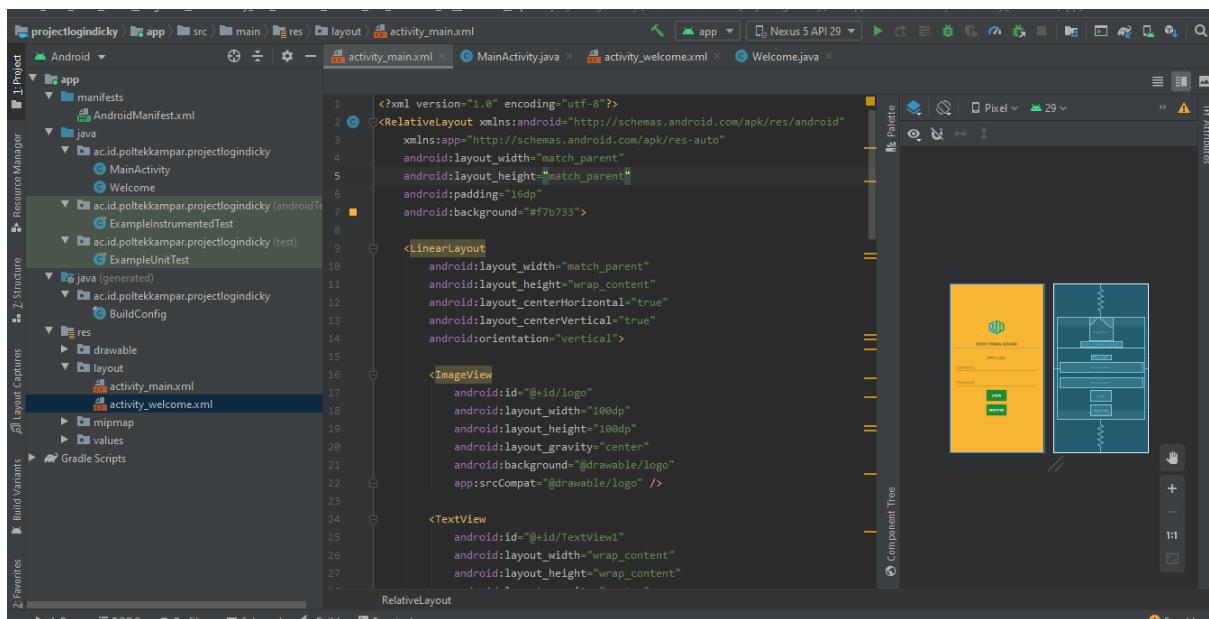**LAPORAN PRAKTIKUM**

PEMOGRAMAN MOBILE
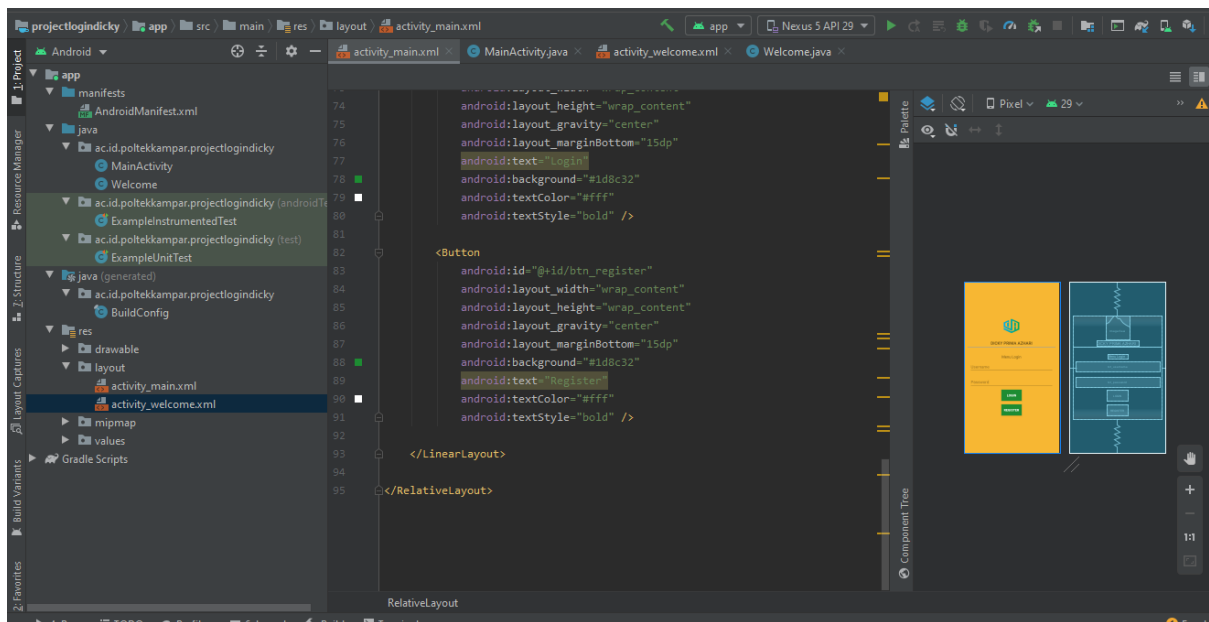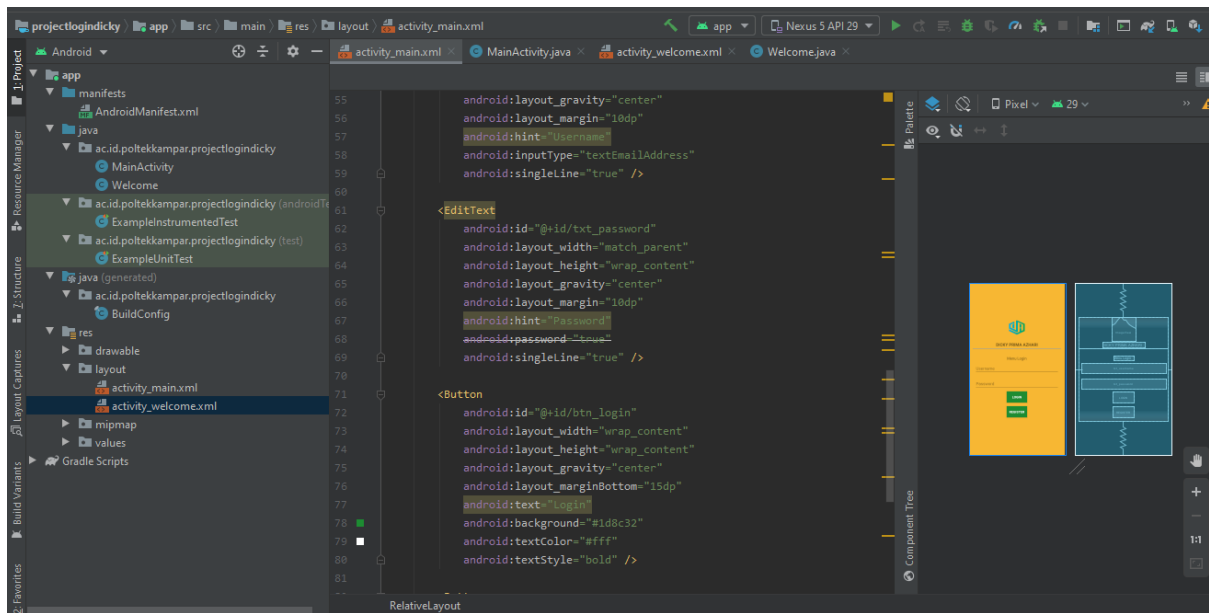

Dosen Pengampu:

SLAMET TRIYANTO, S.,ST.
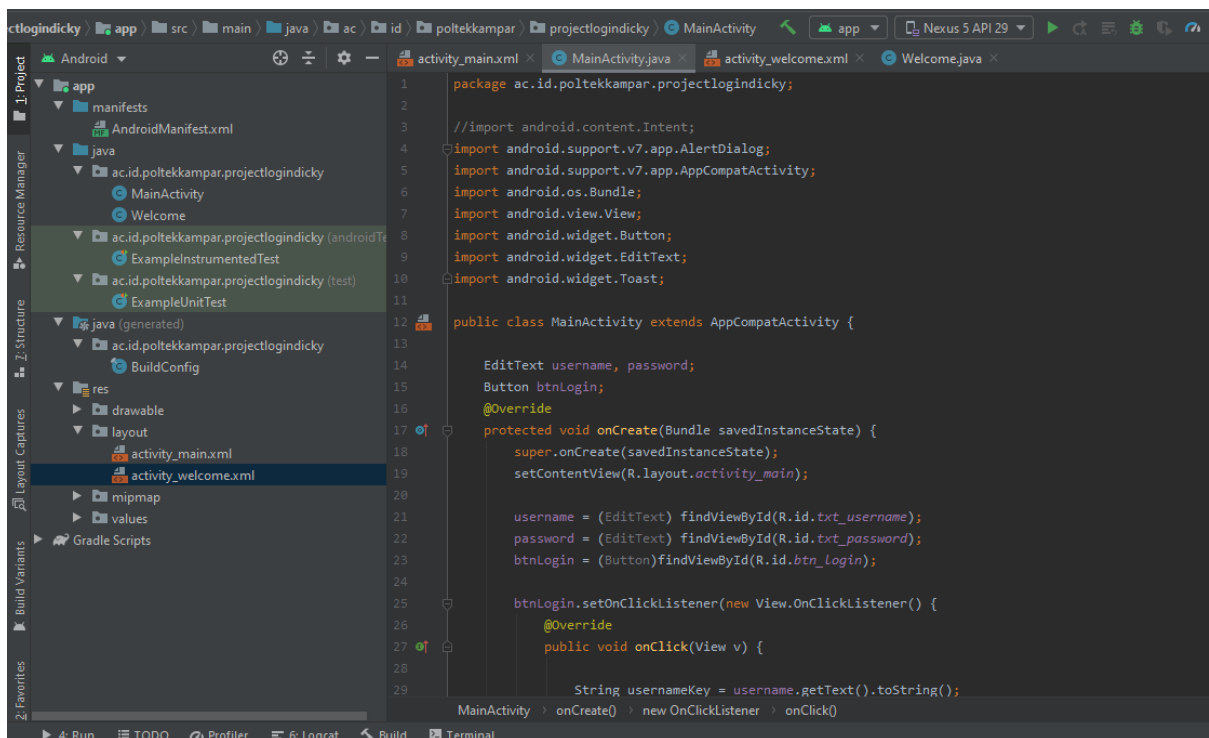
Disusun Oleh:

DICKY PRIMA AZHARI

201913017

PROGRAM STUDI TEKNIK INFORMATIKA
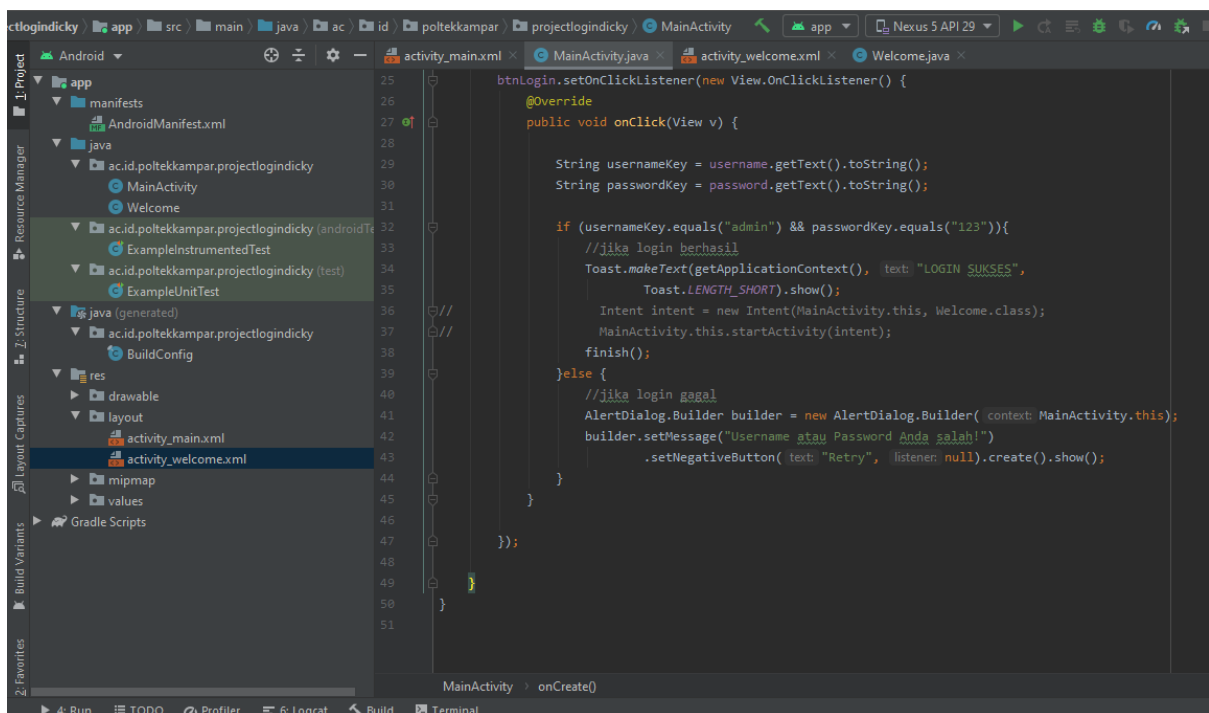
POLITEKNIK KAMPAR

2020

1.Activity_main.xml


```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"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp"
    android:background="#f7b733">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:orientation="vertical">

        <ImageView
            android:id="@+id/logo"
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_gravity="center"
            android:background="@drawable/logo"
            app:srcCompat="@drawable/logo" />

        <TextView
            android:id="@+id/TextView1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
```



```xml
            android:layout_gravity="center"
            android:layout_marginBottom="5dp"
            android:layout_marginTop="5dp"
            android:text="DICKY PRIMA AZHARI"
            android:textSize="18dip"
            android:textStyle="bold" />

        <View
            android:id="@+id/View1"
            android:layout_width="fill_parent"
            android:layout_height="1dp"
            android:layout_gravity="center"
            android:background="#448AFF" />

        <TextView
            android:id="@+id/TextView2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:layout_marginTop="30dip"
            android:text="Menu Login"
            android:textSize="16dip" />

        <EditText
            android:id="@+id/txt_username"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
```

activity_main.xml MainActivity.java activity_welcome.xml Welcome.java

Project tree (first screenshot):
- app
  - manifests
    - AndroidManifest.xml
  - java
    - ac.id.poltekkampar.projectlogindicky
      - MainActivity
      - Welcome
    - ac.id.poltekkampar.projectlogindicky (androidTe
      - ExampleInstrumentedTest
    - ac.id.poltekkampar.projectlogindicky (test)
      - ExampleUnitTest
  - java (generated)
    - ac.id.poltekkampar.projectlogindicky
      - BuildConfig
  - res
    - drawable
    - layout
      - activity_main.xml
      - activity_welcome.xml
    - mipmap
    - values
  - Gradle Scripts

```xml
        android:layout_gravity="center"
        android:layout_margin="10dp"
        android:hint="Username"
        android:inputType="textEmailAddress"
        android:singleLine="true" />

    <EditText
        android:id="@+id/txt_password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_margin="10dp"
        android:hint="Password"
        android:password="true"
        android:singleLine="true" />

    <Button
        android:id="@+id/btn_login"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginBottom="15dp"
        android:text="Login"
        android:background="#1d8c32"
        android:textColor="#fff"
        android:textStyle="bold" />
```

RelativeLayout

Second screenshot:

activity_main.xml MainActivity.java activity_welcome.xml Welcome.java

Project tree (second screenshot):
- app
  - manifests
    - AndroidManifest.xml
  - java
    - ac.id.poltekkampar.projectlogindicky
      - MainActivity
      - Welcome
    - ac.id.poltekkampar.projectlogindicky (androidTe
      - ExampleInstrumentedTest
    - ac.id.poltekkampar.projectlogindicky (test)
      - ExampleUnitTest
  - java (generated)
    - ac.id.poltekkampar.projectlogindicky
      - BuildConfig
  - res
    - drawable
    - layout
      - activity_main.xml
      - activity_welcome.xml
    - mipmap
    - values
  - Gradle Scripts

```xml
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginBottom="15dp"
        android:text="Login"
        android:background="#1d8c32"
        android:textColor="#fff"
        android:textStyle="bold" />

    <Button
        android:id="@+id/btn_register"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginBottom="15dp"
        android:background="#1d8c32"
        android:text="Register"
        android:textColor="#fff"
        android:textStyle="bold" />

    </LinearLayout>

</RelativeLayout>
```

RelativeLayout

2.MainActivity.java
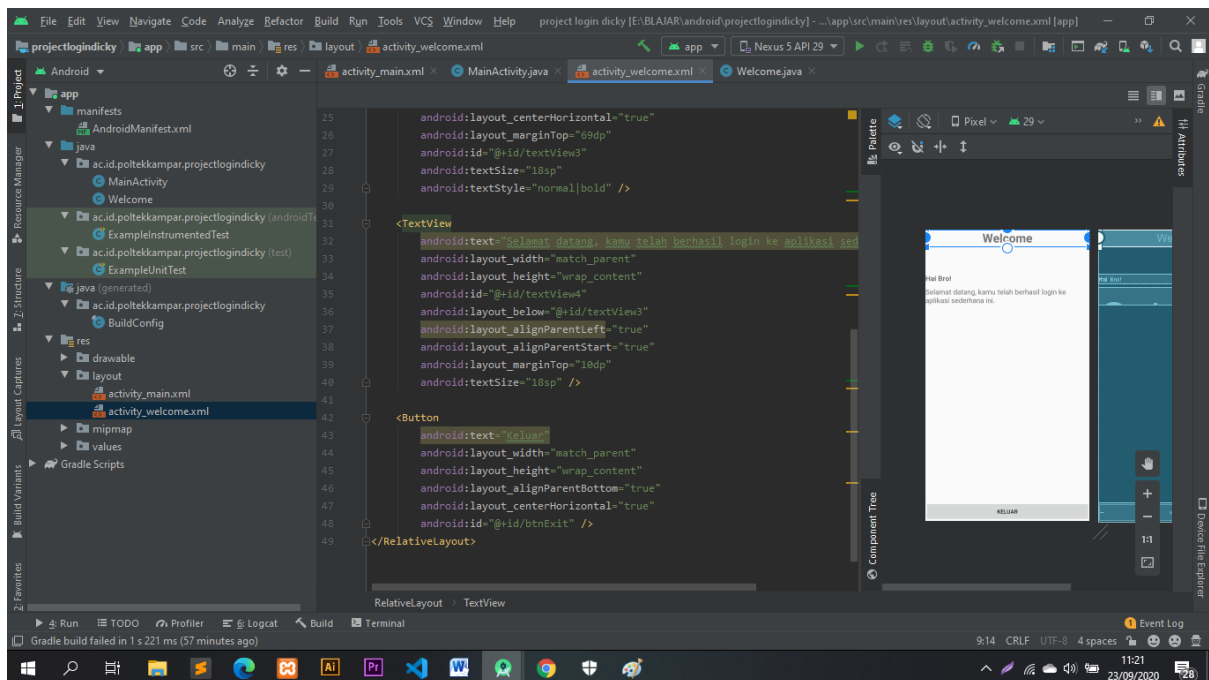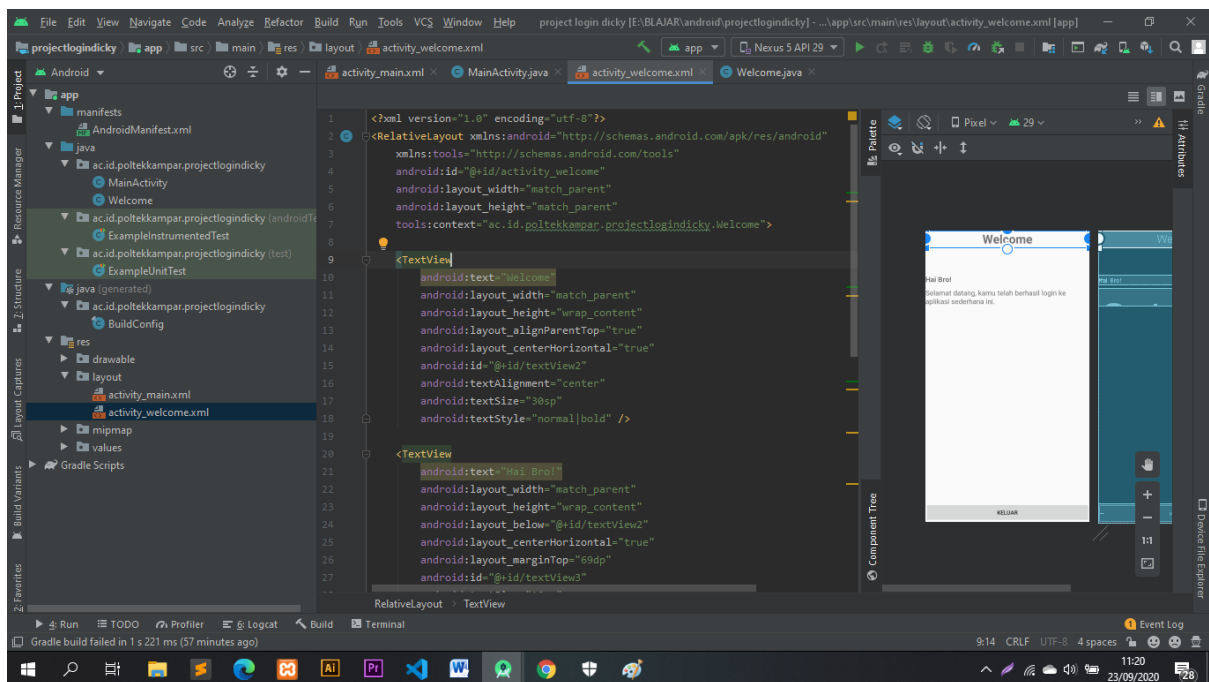


```java
package ac.id.poltekkampar.projectlogindicky;

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

public class MainActivity extends AppCompatActivity {

    EditText username, password;
    Button btnLogin;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        username = (EditText) findViewById(R.id.txt_username);
        password = (EditText) findViewById(R.id.txt_password);
        btnLogin = (Button)findViewById(R.id.btn_login);

        btnLogin.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                String usernameKey = username.getText().toString();
```



```java
        btnLogin.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                String usernameKey = username.getText().toString();
                String passwordKey = password.getText().toString();

                if (usernameKey.equals("admin") && passwordKey.equals("123")){
                    //jika login berhasil
                    Toast.makeText(getApplicationContext(), text: "LOGIN SUKSES",
                            Toast.LENGTH_SHORT).show();
                    Intent intent = new Intent(MainActivity.this, Welcome.class);
                    MainActivity.this.startActivity(intent);
                    finish();
                }else {
                    //jika login gagal
                    AlertDialog.Builder builder = new AlertDialog.Builder( context: MainActivity.this);
                    builder.setMessage("Username atau Password Anda salah!")
                            .setNegativeButton( text: "Retry", listener: null).create().show();
                }
            }
        });
    }
}
```

3.activity_welcome.xml

4.welcome.java


```java
package ac.id.poltekkampar.projectlogindicky;

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

public class Welcome extends AppCompatActivity {

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

        btnExit = (Button)findViewById(R.id.btnExit);

        btnExit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                //perintah untuk mengakhiri aplikasi

                finish();
            }
        });

    }
}
```