

**TUGAS**  
**Pemrograman Mobile**



Nama : Septa Hoga Samara  
Kelas : TI – 3A  
NIM : 1641720152  
No. HP : 08125060298  
Email : [hogahoga17@gmail.com](mailto:hogahoga17@gmail.com)

JURUSAN TEKNOLOGI INFORMASI  
PROGRAM STUDI TEKNIK INFORMATIKA  
POLITEKNIK NEGERI MALANG

Membuat file Activity\_Main.xml sebagai halaman utama yang berisi tombol button dan edit text.

```
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:padding="20dp"
        android:layout_marginBottom="10dp"
        tools:context="com.hoga.intent.MainActivity">

    <Button
        android:id="@+id/btnIntent1"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:text="Intent biasa"/>

    <Button
        android:id="@+id/btnIntent3"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:text="Intent dengan objek"/>

    <Button
        android:id="@+id/btnIntent4"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:text="Intent diri sendiri" />

    <TextView
        android:id="@+id/tvSelf"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:typeface="serif"
        android:textSize="15dp"
        android:layout_marginTop="40dp"
        android:textStyle="bold|italic"
        android:text="Hello World"/>

    <EditText
        android:id="@+id/editText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="@string/user_message" />

    <Button
        android:id="@+id/btnIntent2"
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:text="Intent dengan text"/>

</LinearLayout>
```

## Main\_Activity.java

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

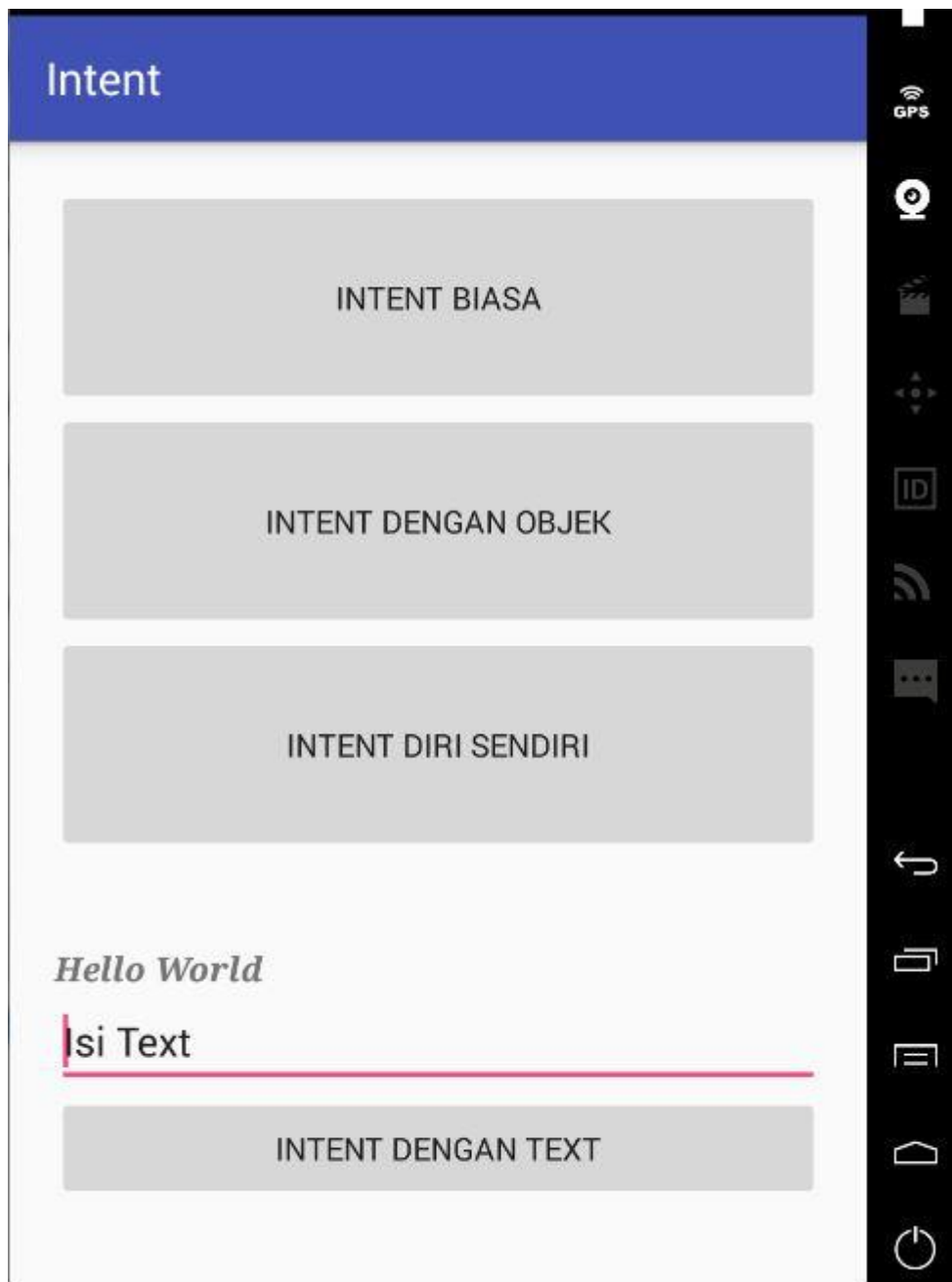
    btn1 = findViewById(R.id.btnIntent1);
    btn2 = findViewById(R.id.btnIntent2);
    btn3 = findViewById(R.id.btnIntent3);
    btn4 = findViewById(R.id.btnIntent4);
    tvSelf = findViewById(R.id.tvSelf);

    btn1.setOnClickListener((v) -> {
        Intent i = new Intent(getApplicationContext(), IntentBiasa.class);
        startActivity(i);
    });
    btn2.setOnClickListener((v) -> {
        EditText editText = findViewById(R.id.editText);
        String message = editText.getText().toString();

        Intent i = new Intent(getApplicationContext(), IntentKirimText.class);
        i.putExtra("EXTRA_MESSAGE", message);
        startActivity(i);
    });
    btn3.setOnClickListener((v) -> {

        //Parsing data menggunakan Serializable
        Alamat alm = new Alamat("Septa Hoga Samara", "Ngalam", "0812507099");
        Intent i = new Intent(getApplicationContext(), IntentSendObject.class);
        i.putExtra("Extra", alm);
        startActivity(i);
    });
    btn4.setOnClickListener((v) -> { tvSelf.setText("Septa Hoga Samara"); });
}
```

Hasil



Membuat Intent biasa tanpa mengirim data.

Activity\_Intent\_Biasa.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:layout_marginTop="90dp"
    tools:context="com.hoga.intent.IntentBiasa">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="Hello World !"
        android:textSize="50sp"
        android:textStyle="bold|italic" />

    <Button
        android:id="@+id/btnBack"
        android:layout_width="112dp"
        android:layout_height="112dp"
        android:layout_marginTop="1dp"
        android:layout_gravity="center"
        android:text="Back"/>
</LinearLayout>
```

IntentBiasa.java

```
package com.hoga.intent;

import ...

public class IntentBiasa extends AppCompatActivity {

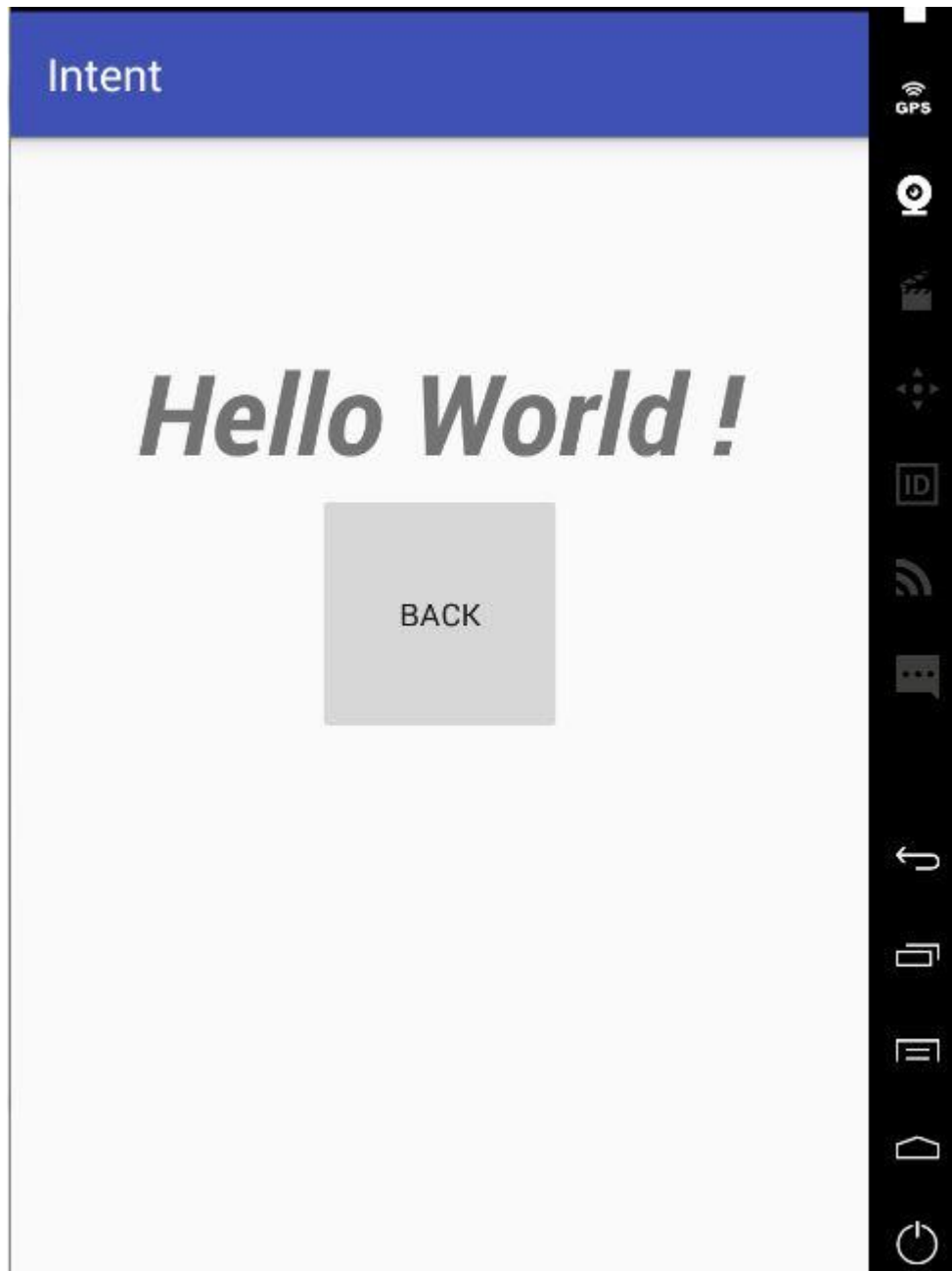
    Button btnBack;

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

        btnBack = findViewById(R.id.btnBack);

        btnBack.setOnClickListener((v) -> {
            Intent i = new Intent(getApplicationContext(), MainActivity.class);
            startActivity(i);
        });
    }
}
```

Hasil



Membuat Intent dengan mengirim data berupa text.

Activity\_Intent\_Kirim\_Text.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    :padding="10dp"
    android:layout_marginTop="20dp"
    tools:context="com.hoga.intent.IntentKirimText">

    <TextView
        android:id="@+id/display_message"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginEnd="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginStart="8dp"
        android:layout_marginTop="28dp"
        android:textSize="20sp"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
```

IntentKirimText.java

```
package com.hoga.intent;

import ...

public class IntentKirimText extends AppCompatActivity {

    TextView tvNama, tvJk, tvNim;

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

        Intent intent = getIntent();

        String message = intent.getStringExtra("EXTRA_MESSAGE");
        TextView textView = findViewById(R.id.display_message);
        textView.setText(message);
    }
}
```

Hasil





Membuat Intent dengan mengirim data berupa object.

IntentSendObject.java

```
package com.hoga.intent;

import ...

public class IntentSendObject extends AppCompatActivity {

    TextView tvNama, tvAlamat, tvTlp;

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

        tvNama = findViewById(R.id.tvNama);
        tvAlamat = findViewById(R.id.tvAlamat);
        tvTlp = findViewById(R.id.tvTlp);

        Alamat alm = (Alamat) getIntent().getSerializableExtra( name: "Extra");

        tvNama.setText(alm.getNama());
        tvAlamat.setText(alm.getJk());
        tvTlp.setText(alm.getNim());
    }
}
```

Activity\_Intent\_Send\_Object.xml

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:padding="10dp"
    android:layout_marginTop="20dp"
    tools:context="com.hoga.intent.IntentSendObject">

    <TextView
        android:id="@+id/judul"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="20dp"
        android:textStyle="italic|bold"
        android:layout_marginBottom="30dp"
        android:typeface="serif"
        android:text="Intent dengan mengirim Object"/>

    <TextView
        android:id="@+id/nama"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/judul"
        android:text="Nama : "/>

    <TextView
        android:id="@+id/tvNama"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/judul"
        android:layout_toRightOf="@id/nama"
        android:typeface="serif"
        android:textSize="15dp"
        android:textStyle="bold|italic"
        android:text="isi"/>
```

```

} <TextView
    android:id="@+id/alamat"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/nama"
    android:layout_marginTop="10dp"
    android:text="Alamat : "/>
}
} <TextView
    android:id="@+id/tvAlamat"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/nama"
    android:layout_toRightOf="@id/alamat"
    android:layout_marginTop="10dp"
    android:typeface="serif"
    android:textSize="15dp"
    android:textStyle="bold|italic"
    android:text="isi"/>
}
} <TextView
    android:id="@+id/tlp"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/alamat"
    android:layout_marginTop="10dp"
    android:text="Nomor Tlp : "/>
}
} <TextView
    android:id="@+id/tvTlp"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/alamat"
    android:layout_toRightOf="@id/tlp"
    android:layout_marginTop="10dp"
    android:typeface="serif"
    android:textSize="15dp"

```

Hasil :



Membuat Intent ke dirinya sendiri dengan menampilkan data.

Main\_Activity.java

```
Button btn1, btn2, btn3, btn4;
TextView tvSelf;

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

    btn1 = findViewById(R.id.btnIntent1);
    btn2 = findViewById(R.id.btnIntent2);
    btn3 = findViewById(R.id.btnIntent3);
    btn4 = findViewById(R.id.btnIntent4);
    tvSelf = findViewById(R.id.tvSelf);

    btn1.setOnClickListener((v) -> {
        Intent i = new Intent(getApplicationContext(), IntentBiasa.class);
        startActivity(i);
    });

    btn2.setOnClickListener((v) -> {
        EditText editText = findViewById(R.id.editText);
        String message = editText.getText().toString();

        Intent i = new Intent(getApplicationContext(), IntentKirimText.class);
        i.putExtra( name: "EXTRA_MESSAGE",message);
        startActivity(i);
    });

    btn3.setOnClickListener((v) -> {

        //Parsing data menggunakan Serializable
        Alamat alm = new Alamat( nama: "Septa Hoga Samara", jk: "Ngalam", nim: "0812507099");
        Intent i = new Intent(getApplicationContext(), IntentSendObject.class);
        i.putExtra( name: "Extra",alm);
        startActivity(i);
    });

    btn4.setOnClickListener((v) -> { tvSelf.setText("Septa Hoga Samara"); });
}
```

Activity\_Main.xml

```
<TextView
    android:id="@+id/tvSelf"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:typeface="serif"
    android:textSize="15dp"
    android:layout_marginTop="40dp"
    android:textStyle="bold|italic"
    android:text="Hello World"/>
```

Hasil

INTENT DIRI SENDIRI

*Septa Hoga Samara*

