

**UJIAN TENGAH SEMESTER (UTS)**  
**P. PEMOGRAMAN BERORIENTASI OBJEK 3**



**Dijawab Oleh :**

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**TEKNIK KOMPUTER**  
**DIII TEKNIK KOMPUTER**  
**POLITEKNIK NEGERI SRIWIJAYA**

**2020**

## SOAL :

1. Pada saat MainActivity.java selesai dijalankan, maka setelah mengisi NIM, Nama Mahasiswa dan pilihan kelas kemudian mengklik tombol Informasi Biaya Kuliah akan dimunculkan Activity sesuai dengan informasi yang dipilih (berdasarkan kelas Pagi atau Sore). (40%)
2. Jika kelas Pagi dipilih, maka muncul PagiActivity.java dan setelah diisi jumlah biaya kuliah, maka pada saat klik tombol Tampilkan Activity Utama akan muncul di MainActivity.java informasi biaya kuliah yang ditambahkan. (30%)
3. Jika kelas Sore dipilih, maka muncul SoreActivity.java dan setelah diisi jumlah biaya kuliah, maka pada saat klik tombol Tampilkan Activity Utama akan muncul di MainActivity.java informasi biaya kuliah yang ditambahkan. (30%)

## CODING:

### 1. AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.rifqi.uts_mrifqihanif">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.UTS_MRIFQIHANIF">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER"
            />
            </intent-filter>
        </activity>
        <activity
            android:name=".PagiActivity"
            android:label="@string/app_name" >
        </activity>
        <activity
            android:name=".SoreActivity"
            android:label="@string/app_name" >
        </activity>
    </application>

</manifest>
```

## 2. Strings.xml

```
<resources>
    <string name="app_name">UTS M RIFQI HAMIF</string>
    <string name="action_settings">Settings</string>
    <string name="stv1_caption">NIM</string>
    <string name="stv2_caption">Nama Mahasiswa</string>
    <string name="stv3_caption">Kelas Anda?</string>
    <string name="stv4_caption">Pagi</string>
    <string name="stv5_caption">Sore</string>
    <string name="stv6_caption">Biaya Kuliah Anda Sebesar</string>
    <string name="stv7_caption">Biaya Kuliah Pagi</string>
    <string name="stv8_caption">Biaya Kuliah Sore</string>
    <string name="sbtn1_caption">Informasi Biaya Kuliah</string>
    <string name="sbtn2_caption">Kirim Ke Activity Utama</string>
</resources>
```

## 3. activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:padding="15dp"
    android:orientation="vertical"
    android:background="@drawable/bg">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/stv1_caption" />
    <EditText
        android:id="@+id/editText1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="number" >
        <requestFocus />
    </EditText>

    <TextView
        android:id="@+id/textView2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/stv2_caption" />

    <EditText
        android:id="@+id/editText2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textPersonName" />
```

```
<TextView
    android:id="@+id/textView3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="@string/stv3_caption" />
<RadioGroup
    android:id="@+id/rg_kelas"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content">

    <RadioButton
        android:id="@+id/rb_pagi"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/stv4_caption" />

    <RadioButton
        android:id="@+id/rb_sore"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/stv5_caption" />
</RadioGroup>

<Button
    android:id="@+id/button1"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:onClick="kirim1"
    android:text="@string/sbtn1_caption" />

<TextView
    android:id="@+id/textView4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="@string/stv6_caption" />

<EditText
    android:id="@+id/editText3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="text" />

</LinearLayout>
```

#### 4. MainActivity.java

```
package com.rifqi.uts_mrifqihanif;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.widget.EditText;
import android.view.View;
import android.widget.RadioButton;
import android.widget.RadioGroup;

public class MainActivity extends Activity {
    private EditText editText3;
    RadioGroup rg_kelas;
    RadioButton rb_pagi, rb_sore;
    String a;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        editText3 = (EditText) findViewById(R.id.editText3);
        rg_kelas = (RadioGroup) findViewById(R.id.rg_kelas);
    }
    public void kirim1(View v){
        int id = rg_kelas.getCheckedRadioButtonId();
        switch (id){
            case R.id.rb_pagi :
                a = "pagi";
                break;
            case R.id.rb_sore :
                a = "sore";
                break;
        }
        if (a == "pagi") {
            Intent halaman2 = new Intent(this, PagiActivity.class);
            String pesan5 = "1.450.000";
            halaman2.putExtra("data5", pesan5);
            startActivityForResult(halaman2, 1);
        } if (a == "sore"){
            Intent halaman2 = new Intent(this, SoreActivity.class);
            String pesan5 = "2.500.000";
            halaman2.putExtra("data5", pesan5);
            startActivityForResult(halaman2, 1);
        }
    }

    public void onActivityResult(int requestCode, int resultCode, Intent data){
        if ((requestCode==1) && (resultCode==RESULT_OK)){
            String pesan = data.getStringExtra("data2");
            editText3.setText(pesan);
        }
    }
}
```

## 5. activity\_pagi.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:padding="15dp"
    android:orientation="vertical"
    android:background="@drawable/bg">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/stv7_caption" />
    <EditText
        android:id="@+id/editText1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="number" >
        <requestFocus />
    </EditText>

    <Button
        android:id="@+id/button1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:onClick="kirim2"
        android:text="@string/sbtn2_caption" />

</LinearLayout>
```

## 6. PagiActivity.java

```
package com.rifqi.uts_mrifqihanif;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;

public class PagiActivity extends Activity {
    private EditText editText1;

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

```

        editText1 = (EditText) findViewById(R.id.editText1);
    }
    public void onStart() {
        super.onStart();
        Intent dataku = getIntent();
        String pesan5 = dataku.getStringExtra("data5");
        editText1.setText(pesan5);
    }
    public void kirim2(View v) {
        Intent halaman1 = getIntent();
        String pesan = editText1.getText().toString();
        halaman1.putExtra("data2", pesan);
        setResult(RESULT_OK, halaman1);
        finish();
    }
}

```

## 7. activity\_sore.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:padding="15dp"
    android:orientation="vertical"
    android:background="@drawable/bg">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/stv8_caption" />

    <EditText
        android:id="@+id/editText1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="number" >
        <requestFocus />
    </EditText>

    <Button
        android:id="@+id/button1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:onClick="kirim2"
        android:text="@string/sbtn2_caption" />
</LinearLayout>

```

## 8. SoreActivity.java

```
package com.rifqi.uts_mrifqihanif;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;

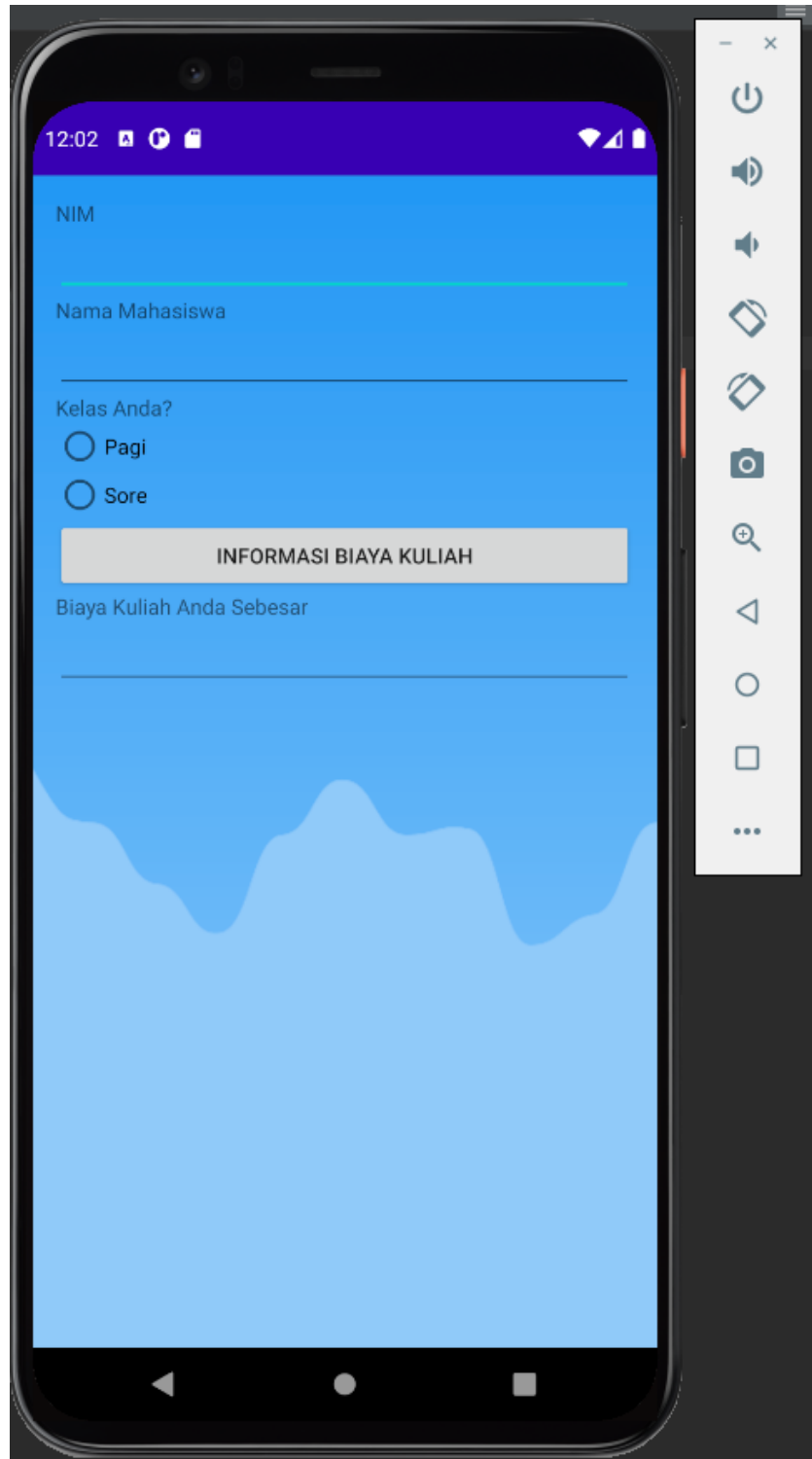
public class SoreActivity extends Activity {
    private EditText editText1;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_sore);
        editText1 = (EditText)findViewById(R.id.editText1);
    }
    public void onStart() {
        super.onStart();
        Intent dataku = getIntent();
        String pesan5 = dataku.getStringExtra("data5");
        editText1.setText(pesan5);
    }
    public void kirim2(View v){
        Intent halaman1 = getIntent();
        String pesan = editText1.getText().toString();
        halaman1.putExtra("data2", pesan);
        setResult(RESULT_OK, halaman1);
        finish();
    }
}
```



## RUN PROGRAM :

### 1. Tampilan Awal



## 2. Jika Yang Dipilih Kelas Pagi

12:02

NIM

061830700478

Nama Mahasiswa

M Rifqi Hanif

Kelas Anda?

☒ Pagi

☐ Sore

INFORMASI BIAYA KULIAH

Biaya Kuliah Anda Sebesar

Hanif | Hani for | Hani from

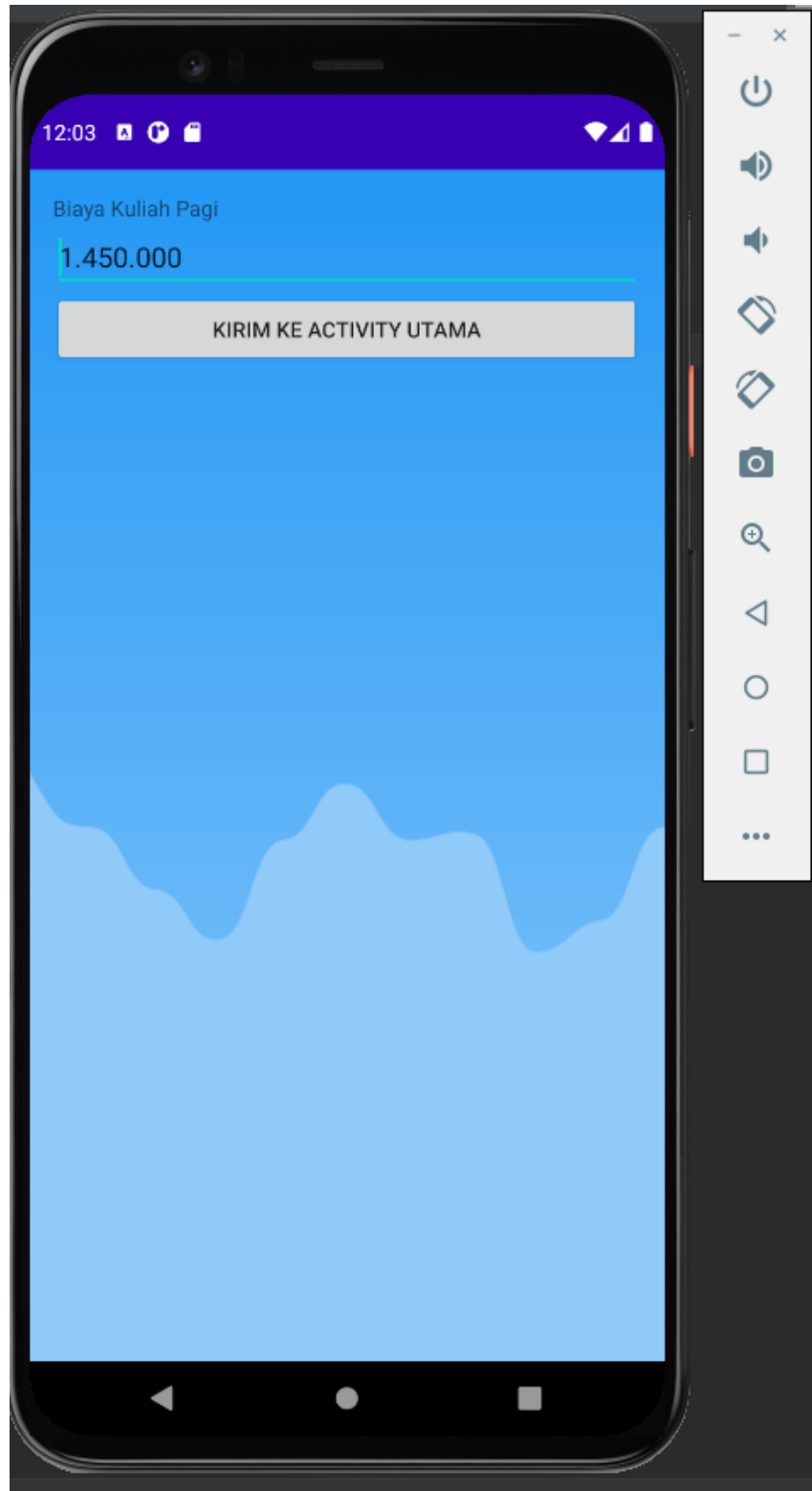
q w e r t y u i o p

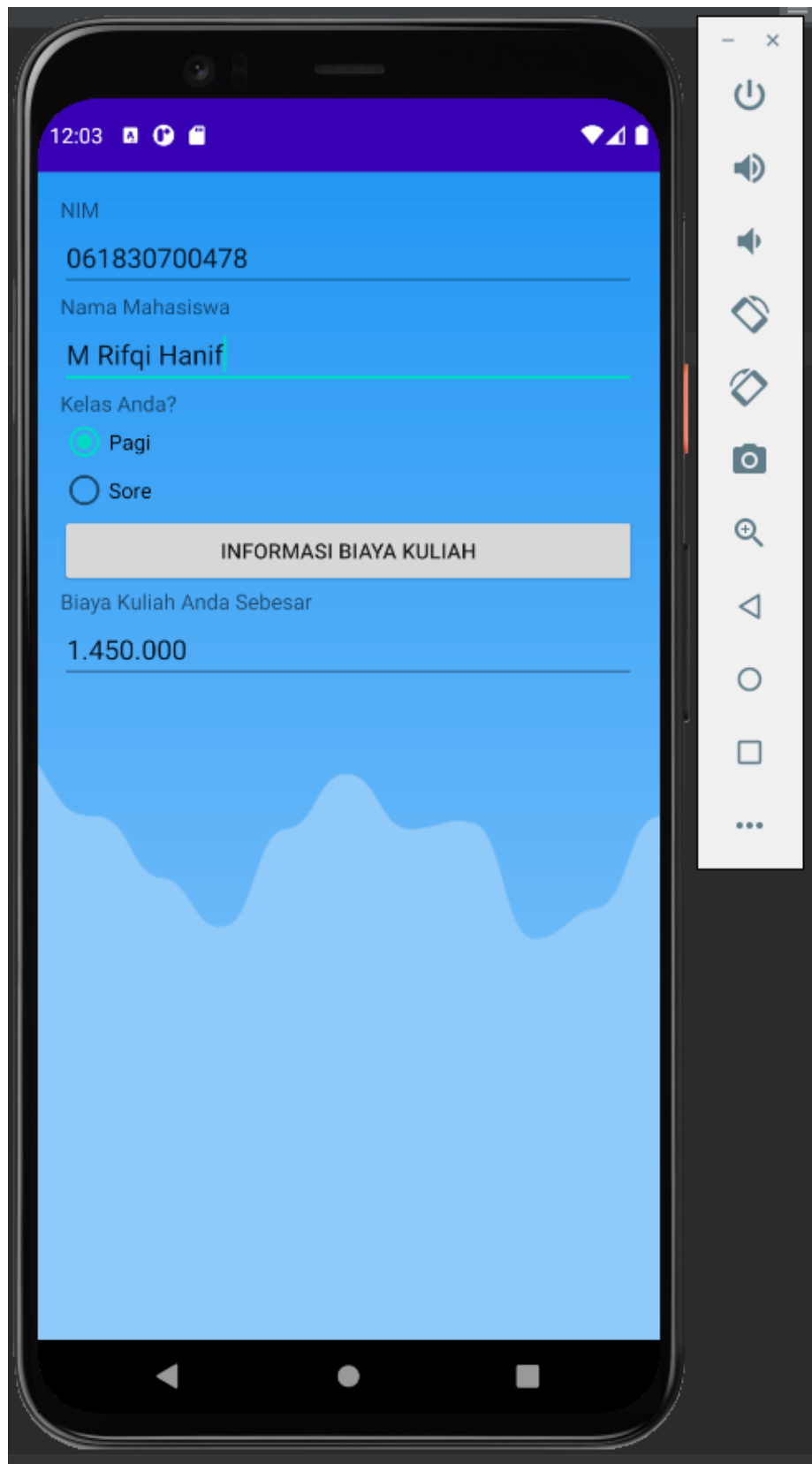
a s d f g h j k l

z x c v b n m

?123 , . →







### 3. Jika Yang Dipilih Kelas Sore

12:03

NIM

061830700478

Nama Mahasiswa

M Rifqi Hanif

Kelas Anda?

☐ Pagi

☒ Sore

INFORMASI BIAYA KULIAH

Biaya Kuliah Anda Sebesar

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

?123 , . →|



