

**LAPORAN MATA KULIAH
PRAKTIKUM PEMROGRAMAN MOBILE
PERTEMUAN 4**



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Disusun oleh:

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**PROGRAM STUDI S1 INFORMATIKA
FAKULTAS ILMU KOMPUTER
UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN" JAKARTA
2023**

SCREENSHOT CODE:

```
1      <?xml version="1.0" encoding="utf-8"?>
2      <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3          xmlns:tools="http://schemas.android.com/tools"
4          android:layout_width="match_parent"
5          android:layout_height="match_parent"
6          android:padding="16dp"
7          android:orientation="vertical">
8          <TextView
9              android:layout_width="match_parent"
10             android:layout_height="wrap_content"
11             android:text="@string/length" />
12
13         <EditText
14             android:id="@+id/edt_length"
15             android:layout_width="match_parent"
16             android:layout_height="wrap_content"
17             android:inputType="numberDecimal"
18             android:lines="1" />
19
20         <TextView
21             android:layout_width="match_parent"
22             android:layout_height="wrap_content"
23             android:text="@string/width" />
24
25         <EditText
26             android:id="@+id/edt_width"
27             android:layout_width="match_parent"
28             android:layout_height="wrap_content"
29             android:inputType="numberDecimal"
30             android:lines="1" />
```

```

32     <TextView
33         android:layout_width="match_parent"
34         android:layout_height="wrap_content"
35         android:text="@string/height" />
36
37     <EditText
38         android:id="@+id/edt_height"
39         android:layout_width="match_parent"
40         android:layout_height="wrap_content"
41         android:inputType="numberDecimal"
42         android:lines="1" />
43
44     <Button
45         android:id="@+id/btn_calculate"
46         android:layout_width="match_parent"
47         android:layout_height="wrap_content"
48         android:text="@string/calculate" />
49
50     <TextView
51         android:id="@+id/tv_result"
52         android:layout_width="match_parent"
53         android:layout_height="wrap_content"
54         android:gravity="center"
55         android:text="@string/result"
56         android:textSize="24sp"
57         android:textStyle="bold" />
58 </LinearLayout>
59

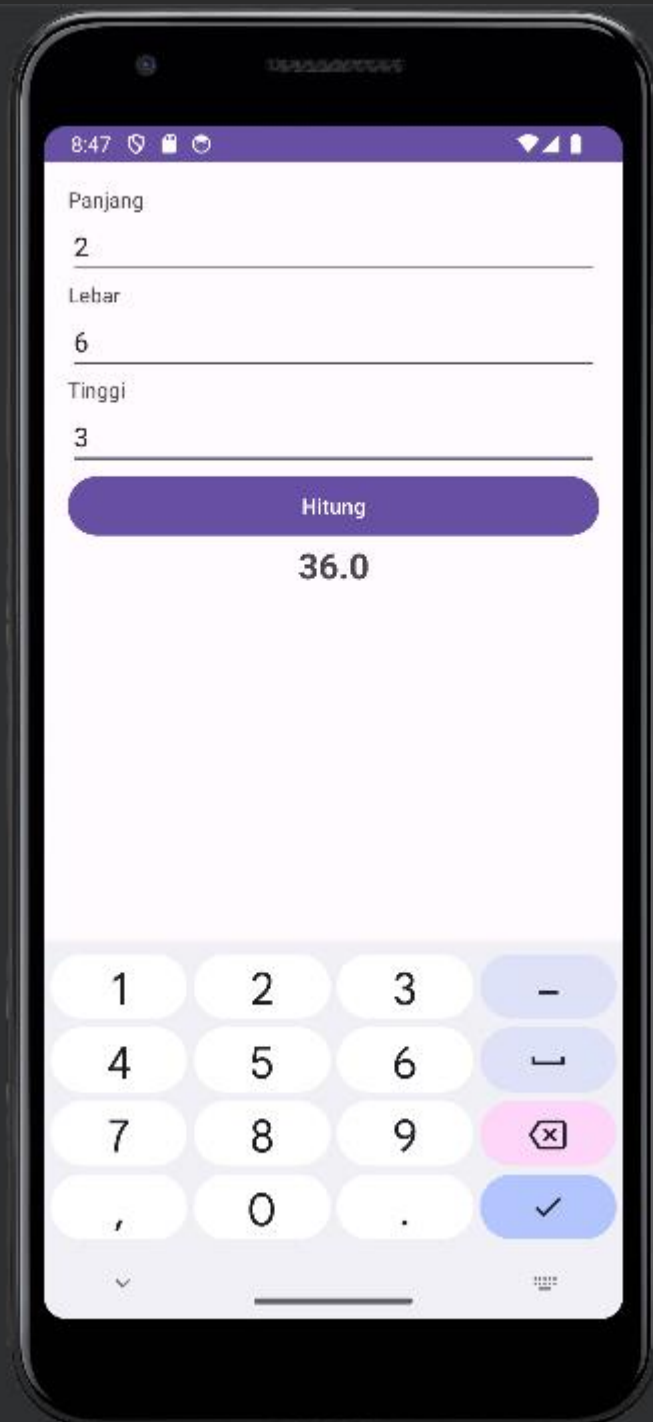
```

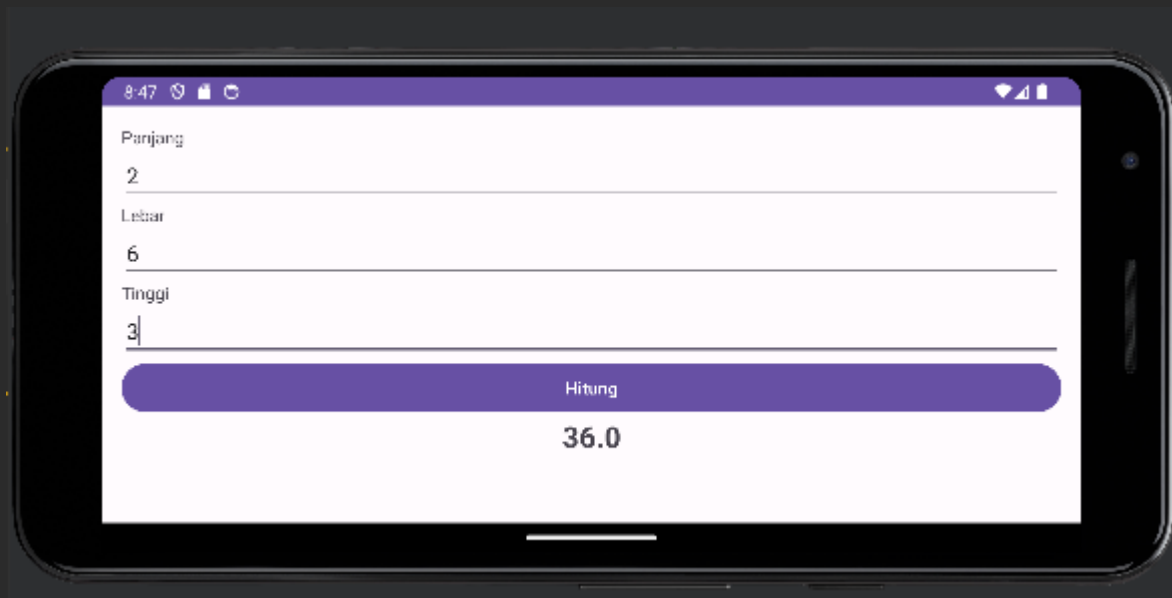
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    xmlns:tools="http://schemas.android.com/tools"
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        android:layout_height="wrap_content"
        android:text="@string/length" />

    <EditText
        android:id="@+id/edt_length"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="numberDecimal"

```



```
package com.example.pertemuan4;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity implements
View.OnClickListener {
    private static final String STATE_RESULT = "state_result";
    private EditText edtWidth;
    private EditText edtHeight;
    private EditText edtLength;
    private Button btnCalculate;
    private TextView tvResult;

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

        edtWidth = findViewById(R.id.edt_width);
        edtHeight = findViewById(R.id.edt_height);
        edtLength = findViewById(R.id.edt_length);
        btnCalculate = findViewById(R.id.btn_calculate);
        tvResult = findViewById(R.id.tv_result);

        btnCalculate.setOnClickListener(this);
    }
}
```

