APLIKASI KALKULATOR DAN CONVERTER SEDERHANA MENGGUNAKAN ANDROID STUDIO

Source Code Activity_main.xml

```
?xml version="1.0" encoding=
            app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintHorizontal_bias="0.0"
                    android:inputType="numberDecimal"
```

```
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.366"
android:layout_marginBight="102dp" android:layout_marginBottom="17dp"
```

```
android:layout_marginEnd="99dp"
android:layout marginRight="99dp"
              app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
   </androidx.constraintlayout.widget.ConstraintLayout>
/androidx.constraintlayout.widget.ConstraintLayout>
```

Source Code Activity_panjang.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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"</pre>
```

```
<EditText
   android:inputType="number"
   android: fontFamily="sans-serif-medium"
   app:backgroundTint="#009688"
```

```
android:layout_marginStart="156dp"
android:layout_marginLeft="156dp"
app:layout constraintVertical bias="0.0" />
```

Source Code MainActivity.java

```
package com.example.parktikum2;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
                         = findViewById(R.id.etxtA);
                         = findViewById(R.id.btnCmtoM);
= findViewById(R.id.btnMtoKm);
= findViewById(R.id.btnKmtoM);
           txthasil = findViewById(R.id.txtHasil);
change = findViewById(R.id.btnChange);
            clear.setOnClickListener(new View.OnClickListener() {
            tambah.setOnClickListener(new View.OnClickListener() {
```

```
a = Double.parseDouble(nilaiA.getText().toString());
b = Double.parseDouble(nilaiB.getText().toString());
hasil = a * b;
txthasil.setText(String.valueOf(hasil));
}
});

bagi.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        a = Double.parseDouble(nilaiA.getText().toString());
        b = Double.parseDouble(nilaiB.getText().toString());
        hasil = a / b;
        txthasil.setText(String.valueOf(hasil));
}
});

change.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        startActivity(new Intent(MainActivity.this,
Panjang.class));
    }
});
```

Source Code Panjang.java

```
package com.example.parktikum2;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.cos.Bundle;
import android.wiew.view;
import android.widget.Button;
import android.widget.EditText;
import android.widget.EditText;
import android.widget.TextView;

public class Panjang extends AppCompatActivity {
    double a, total;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_panjang);

    EditText nilai;
    Button CmtoM, MtoCm, MtoKm, KmtoM, clear, change;
    TextView hasil;

    nilai = findViewById(R.id.btnMtoCm);
    MtoCm = findViewById(R.id.btnMtoCm);
    MtoKm = findViewById(R.id.btnMtoKm);
    KmtoM = findViewById(R.id.btnMtoKm);
    KmtoM = findViewById(R.id.btnKtoM);
    hasil = findViewById(R.id.btnClear);
    change= findViewById
```

```
MainActivity.class));
```