Xml

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| *<?***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"  tools:context=".MainActivity"**>   <**EditText  android:id="@+id/editTextNumber\_Sayi"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_marginStart="89dp"  android:layout\_marginTop="63dp"  android:ems="10"  android:hint="Sayıyı Giriniz"  android:inputType="textPersonName"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent"** />   <**Button  android:id="@+id/button\_Onayla"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_marginTop="72dp"  android:onClick="onayla"  android:text="ONAYLA"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintHorizontal\_bias="0.413"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toBottomOf="@+id/editTextNumber\_Sayi"** />   <**TextView  android:id="@+id/textView\_Sonuc"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_marginStart="20dp"  android:layout\_marginTop="108dp"  android:text="Sonuç :"  app:layout\_constraintStart\_toStartOf="@+id/button\_Onayla"  app:layout\_constraintTop\_toBottomOf="@+id/button\_Onayla"** /> </**androidx.constraintlayout.widget.ConstraintLayout**> |

Java

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| **package** com.example.faktoriyel;  **import** androidx.appcompat.app.AppCompatActivity;  **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.EditText; **import** android.widget.TextView;  **public class** MainActivity **extends** AppCompatActivity {  EditText **number**;  Button **button**;  TextView **textView**;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);   **number** = findViewById(R.id.***editTextNumber\_Sayi***);  **button** = findViewById(R.id.***button\_Onayla***);  **textView** = findViewById(R.id.***textView\_Sonuc***);   **number**.setShowSoftInputOnFocus(**false**);  }  **public void** onayla(View view) {  **int** sayi = Integer.*parseInt*(**number**.getText().toString());  **int** sayac=1;  **long** sonuc=1;  **while**(sayac<=sayi){  sonuc=sonuc\*sayac;  sayac++;  }  **textView**.setText(**"Sonuç: "**+sonuc);  } } |