21-12-2021

PRG 1: Create an android application to display a toast

Activity\_main.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"  
 tools:context=".MainActivity">  
  
 <Button  
 android:id="@+id/b"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="#000000"  
 android:text="Hello"  
 android:textColor="#ffffff"  
 tools:layout\_editor\_absoluteX="175dp"  
 tools:layout\_editor\_absoluteY="255dp" />  
</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java

package com.example.senor3;  
import android.app.\*;  
import android.os.\*;  
import android.widget.\*;  
import android.view.View.\*;  
import android.view.\*;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
public class MainActivity extends AppCompatActivity {  
Button b;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 b=findViewById(R.id.*b*);  
 b.setOnClickListener(new OnClickListener(){  
 public void onClick(View v){  
 Toast.*makeText*(getApplicationContext(),"Welcome to Android",Toast.*LENGTH\_SHORT*).show();  
 }}); }}

