21-12-2021

PRG 1: Create an android application to display a toast

Activity_main.xml

```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

```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(){
```

```java
        public void onClick(View v){
        Toast.makeText(getApplicationContext(),"Welcome to
Android",Toast.LENGTH_SHORT).show();
            }}); }}
```

Senor3	Senor3
HELLO	HELLO
	Welcome to Android