

LES MANIERES DE FAIRE UN LISTENER POUR UN BOUTON

Methode 1:

```
package com.example.myapplication;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity implements
View.OnClickListener {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button b1=findViewById(R.id.bouton1);
        Button b2=findViewById(R.id.bouton2);
        b1.setOnClickListener(this);
        b2.setOnClickListener(this);
    }
    @Override
    public void onClick(View v) {
        if (v.getId()==R.id.bouton1) {
            Toast.makeText(this, "bouton1", Toast.LENGTH_LONG).show();
        }
        if (v.getId()==R.id.bouton2) {
            Toast.makeText(this, "bouton2", Toast.LENGTH_LONG).show();
        }
    }
}
```

Methode 2

```
package com.example.myapplication;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button b1=findViewById(R.id.bouton1);
        Button b2=findViewById(R.id.bouton2);
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(getBaseContext(), "bouton1", Toast.LENGTH_LONG).show();
            }
        });
        b2.setOnClickListener(new View.OnClickListener() {
```

```

        @Override
        public void onClick(View v) {
Toast.makeText(getApplicationContext(), "bouton2", Toast.LENGTH_LONG).show();
        }
    });
}
}

```

Methode 3

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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/bouton1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="envoyer"
        android:onClick="afficher1"
    />
    <Button
        android:id="@+id/bouton2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="envoyer"
        android:onClick="afficher2"
    />
</LinearLayout>

```

MainActivity.java

```
package com.example.myapplication;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    public void afficher1(View view) {
        Toast.makeText(this, "bouton1", Toast.LENGTH_LONG).show();
    }
    public void afficher2(View view) {
        Toast.makeText(this, "bouton2", Toast.LENGTH_LONG).show();
    }
}
```