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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">

    <TextView android:id="@+id/selection"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="26sp"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintTop_toTopOf="parent"/>

    <CheckBox android:id="@+id/java"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Java"
        android:textSize="26sp"

        android:onClick="onCheckboxClicked"

        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/selection"/>

    <CheckBox android:id="@+id/kotlin"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Kotlin"
        android:textSize="26sp"

        android:onClick="onCheckboxClicked"

        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/java"/>

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="8dp"
        android:layout_marginTop="128dp"
        android:onClick="onClick"
        android:text="Click"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

```

package com.example.rmp_01_04_23;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.CheckBox;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.material.snackbar.Snackbar;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void onClick(View view){
        Snackbar snackbar = Snackbar.make(view, "Hello Android",
        Snackbar.LENGTH_LONG);

        snackbar.setAction("Next...", new View.OnClickListener (){
            @Override
            public void onClick(View v) {
                Toast toast = Toast.makeText(getApplicationContext(), "Next
clicked!", Toast.LENGTH_LONG);
                toast.show();
            }
        });
        snackbar.show();
    }

    public void onCheckboxClicked(View view) {
        // Получаем флажок
        CheckBox checkBox = (CheckBox) view;
        // Получаем, отмечен ли данный флажок
        boolean checked = checkBox.isChecked();

        TextView selection = findViewById(R.id.selection);

        // Смотрим, какой именно из флажков отмечен
        switch(view.getId()) {
            case R.id.java:
                if (checked)
                    Toast.makeText(this, "Вы выбрали Java
", Toast.LENGTH_LONG).show();
                break;
            case R.id.kotlin:
                if (checked)
                    Toast.makeText(this, "Вы выбрали
Kotlin", Toast.LENGTH_LONG).show();
                break;
            default:
                selection.setText("");
        }
    }
}

```