**Universitatea Liberă Internațională din Moldova**

Facultatea: **ȘTIINȚE ECONOMICE ȘI TEHNOLOGII INFORMAȚIONALE**

Catedra: **Informatica**  
Disciplina: **Programarea Android**Logo, company name

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**Отчет**  
по Лабораторной работе №2

A efectuat  
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A verificat  
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# Введение

**Тема:** Чекбоксы

**Цель:** Создание чекбока, определяющего пол.

# Решение

activity\_main.xml:

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/default\_background"  
 tools:context=".MainActivity"  
 android:id="@+id/parentLayout">  
  
 <CheckBox  
 android:id="@+id/genderCheckbox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Gender"  
 android:layout\_centerInParent="true"  
 android:checked="false"  
 android:onClick="onGenderCheckboxClicked"/>  
  
</RelativeLayout>

activity\_main.java

package com.example.gender;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.CheckBox;  
import android.widget.RelativeLayout;  
import com.example.gender.R;  
  
public class MainActivity extends AppCompatActivity {  
  
 private RelativeLayout layout;  
 private CheckBox genderCheckbox;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 layout = findViewById(R.id.*parentLayout*); // Corrected reference  
 genderCheckbox = findViewById(R.id.*genderCheckbox*);  
 }  
  
 public void onGenderCheckboxClicked(View view) {  
 boolean checked = ((CheckBox) view).isChecked();  
 if (checked) {  
 layout.setBackgroundColor(getResources().getColor(R.color.*male\_background*));  
 } else {  
 layout.setBackgroundColor(getResources().getColor(R.color.*female\_background*));  
 }  
 }  
}

## Результаты



