package com.example.finance;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;

import android.content.Context;

import android.content.Intent;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

import android.inputmethodservice.Keyboard;

import android.os.Bundle;

import android.text.InputType;

import android.view.View;

import android.view.inputmethod.InputMethodManager;

import android.widget.ArrayAdapter;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ListView;

import android.widget.TextView;

import android.widget.Toast;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.Arrays;

public class FinanceActivity<c> extends AppCompatActivity {

private EditText income, expense;

private Button butEx, butIn, butRes;

private TextView res;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_finance);

income = findViewById(R.id.income);

expense = findViewById(R.id.expense);

butEx = findViewById(R.id.butEx);

butIn = findViewById(R.id.butIn);

butRes = findViewById(R.id.butRes);

res = findViewById(R.id.res);

int result;

expense.setInputType(InputType.TYPE\_CLASS\_PHONE);

income.setInputType(InputType.TYPE\_CLASS\_PHONE);

ArrayList<Integer> summ=new ArrayList<>();

butIn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

int in=Integer.parseInt(income.getText().toString());

summ.add(in);

income.setText("");

}

});

butEx.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

int ex=Integer.parseInt(expense.getText().toString());

ex\*=-1;

summ.add(ex);

expense.setText("");

}

});

butRes.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

int s=0;

for (int i = 0; i < summ.size(); i++) {

s+=summ.get(i);

}

if ((int)s>=0) {

if ((int)s%10==1){

res.setText("Вы сэкономили " + s+ " рубль.");

} else if ((int)s%10>1 && (int)s%10<5)

res.setText("Вы сэкономили " + s+ " рубля.");

else res.setText("Вы сэкономили " + s+ " рублей.");

} else {

if ((int) s % 10 \* (-1) == 1) {

res.setText("Вы потратили на " + s \* (-1) + " рубль больше, чем заработали.");

}else if (1<(int) s % 10 \* (-1) && (int) s % 10 \* (-1)<5){

res.setText("Вы потратили на " + s \* (-1) + " рубля больше, чем заработали.");

} else {

res.setText("Вы потратили на " + s \* (-1) + " рублей больше, чем заработали.");

}

}

InputMethodManager imm = (InputMethodManager)

getSystemService(Context.INPUT\_METHOD\_SERVICE);

imm.toggleSoftInput(0, InputMethodManager.HIDE\_NOT\_ALWAYS);

}

});

}

}

package com.example.finance;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

private TextView text;

private Button button;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

text=findViewById(R.id.text);

button=findViewById(R.id.button);

text.setText("Привет! В этом приложении ты можешь подсчитать свои финансы. " +

"Для начала ты должен ввести свои доходы и расходы, а затем нажать кнопку ДОБАВИТЬ. " +

"Чтобы узнать свой результат, нажми кнопку ПОСЧИТАТЬ. Давай начнём!");

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent=new Intent(MainActivity.this, FinanceActivity.class);

startActivity(intent);

}

});

}

}

<?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/butEx"

android:layout\_width="157dp"

android:layout\_height="52dp"

android:layout\_marginTop="64dp"

android:text="Добавить"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toEndOf="@+id/expense"

app:layout\_constraintTop\_toBottomOf="@+id/butIn" />

<Button

android:id="@+id/butIn"

android:layout\_width="157dp"

android:layout\_height="52dp"

android:layout\_marginTop="68dp"

android:text="Добавить"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toEndOf="@+id/income"

app:layout\_constraintTop\_toTopOf="parent" />

<EditText

android:id="@+id/income"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="16dp"

android:layout\_marginTop="68dp"

android:ems="10"

android:hint="Доход"

android:inputType="textPersonName"

android:minHeight="48dp"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<EditText

android:id="@+id/expense"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="16dp"

android:layout\_marginTop="64dp"

android:ems="10"

android:hint="Расход"

android:inputType="textPersonName"

android:minHeight="48dp"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/income" />

<Button

android:id="@+id/butRes"

android:layout\_width="221dp"

android:layout\_height="55dp"

android:text="Посчитать"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<TextView

android:id="@+id/res"

android:layout\_width="294dp"

android:layout\_height="239dp"

android:layout\_marginTop="60dp"

android:textSize="34sp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/butRes" />

</androidx.constraintlayout.widget.ConstraintLayout>

<?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">

<TextView

android:id="@+id/text"

android:layout\_width="311dp"

android:layout\_height="373dp"

android:layout\_marginTop="28dp"

android:text="TextView"

android:textSize="24sp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<Button

android:id="@+id/button"

android:layout\_width="211dp"

android:layout\_height="63dp"

android:text="НАЧАТЬ"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/text" />

</androidx.constraintlayout.widget.ConstraintLayout>