KROK 6 MAIN + activity\_main\_layout

public class **MainActivity** extends AppCompatActivity implements ReverseWordAsyncTask.OnReversingWord, GetIpInfoAsyncTask.IpCheckListener {

private static final String TAG = MainActivity.class.getSimpleName();

private TextView resultTextView;

private Button checkIpButton;

private EditText ipToCheck;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

resultTextView = (TextView) findViewById(R.id.result\_text);

ipToCheck = (EditText) findViewById(R.id.ip\_to\_check\_edit);

final ReverseWordAsyncTask reverseWordTask = new ReverseWordAsyncTask(this, this);

checkIpButton = (Button) findViewById(R.id.check\_ip\_button);

checkIpButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) { //nasz button podaje dane z pola Edittext ip z bazy

new GetIpInfoAsyncTask(MainActivity.this, MainActivity.this).execute(ipToCheck.getText().toString());

}

});

}

@Override

public void onFinish(String reversedWord) {

resultTextView.setText("result: " + reversedWord);

checkIpButton.setEnabled(true);

}

@Override

public void onIpInfoFound(IpInfo ipInfo) {

Result result = ipInfo.getResp().getResult();

resultTextView.setText(result.getCountry() + ", " + result.getCity());

}

}

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LAYOUT tylko main xxxxxxxxxxxxxxxxxx

<?xml version="1.0" encoding="utf-8"?>

<TableLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

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android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

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android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context="com.kkrygier.httpexercises.MainActivity">

<EditText

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android:layout\_height="wrap\_content"

android:id="@+id/ip\_to\_check\_edit"

android:text="172.217.3.14" />

<Button

android:layout\_width="30dp"

android:layout\_height="40dp"

android:id="@+id/check\_ip\_button"

android:text="Sprawdź IP" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/result\_text"

android:text="" />

</TableLayout>

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reversedasyncTask xxxxxxxxxxxxx opcja xxxxxxxxxxxxxxxxx

public class **ReverseWordAsyncTask** extends AsyncTask<String, String, String> {

private final OnReversingWord listener;

private ProgressDialog dialog;

public ReverseWordAsyncTask(OnReversingWord listener, Context ctx) {

this.listener = listener;

this.dialog = new ProgressDialog(ctx);

}

@Override

protected void onPreExecute() {

dialog.setMessage("Please wait");

dialog.show();

}

@Override

protected void onPostExecute(String s) {

if (dialog.isShowing()) {

dialog.dismiss();

}

listener.onFinish(s);

}

@Override

protected String doInBackground(String... params) {

String word = params[0];

String reversedWord = reverseWord(word);

return reversedWord;

}

private String reverseWord(String word) {

try {

Thread.sleep(1000);

} catch (InterruptedException e) {

e.printStackTrace();

}

if(word == null || word.isEmpty()) {

return "";

}

return reverseWord(word.substring(1)) + word.charAt(0);

}

public interface OnReversingWord {

void onFinish(String reversedWord);

}

}