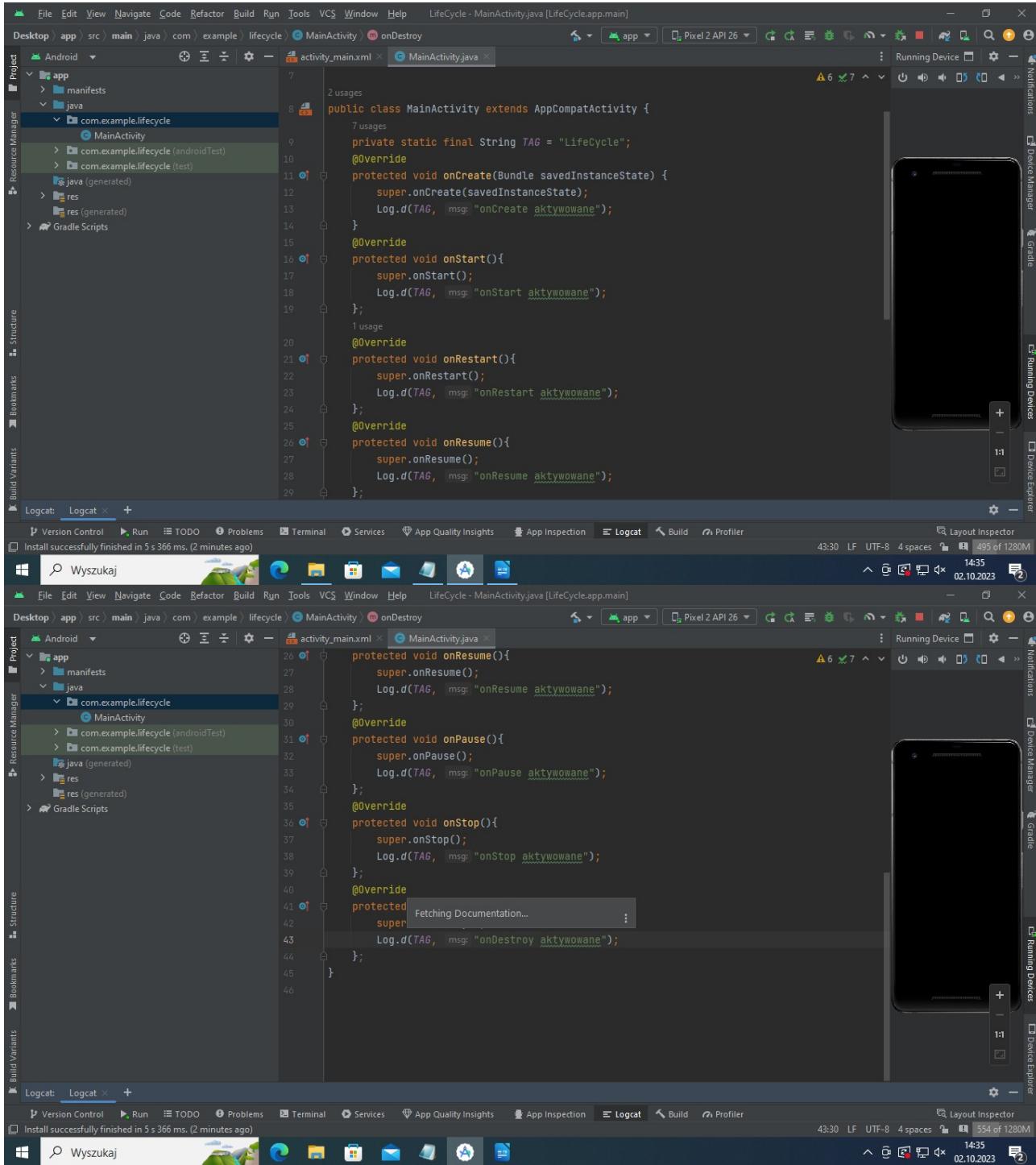


Ćwiczenie 6.0 Michał Wiliński

KOD:



```
public class MainActivity extends AppCompatActivity {
    private static final String TAG = "Lifecycle";
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        Log.d(TAG, msg: "onCreate aktywowane");
    }
    @Override
    protected void onStart(){
        super.onStart();
        Log.d(TAG, msg: "onStart aktywowane");
    };
    @Override
    protected void onRestart(){
        super.onRestart();
        Log.d(TAG, msg: "onRestart aktywowane");
    };
    @Override
    protected void onResume(){
        super.onResume();
        Log.d(TAG, msg: "onResume aktywowane");
    };
    @Override
    protected void onPause(){
        super.onPause();
        Log.d(TAG, msg: "onPause aktywowane");
    };
    @Override
    protected void onStop(){
        super.onStop();
        Log.d(TAG, msg: "onStop aktywowane");
    };
    @Override
    protected void onDestroy(){
        super.onDestroy();
        Log.d(TAG, msg: "onDestroy aktywowane");
    };
}
```

LOGCAT przy normalnym uruchomieniu:

Dodana nowa aktywność oraz kod jej uruchomienia:

The screenshot shows the Android Studio interface with the code editor open to MainActivity.java. The code defines two activities: MainActivity and MainActivity2. It overrides onPause(), onStop(), and onDestroy() methods to log messages indicating they are being called on the second activity. A call to startActivity() is also present.

```
protected void onPause(){
    super.onPause();
    Log.d(TAG, "onPause aktywowane");
};

@Override
protected void onStop(){
    super.onStop();
    Log.d(TAG, "onStop aktywowane");
};

@Override
protected void onDestroy(){
    super.onDestroy();
    Log.d(TAG, "onDestroy aktywowane");
};

public void startAct() {
    startActivity(new Intent(getApplicationContext(), MainActivity2.class));
}
```

Funkcje uruchamiane przy przysłonięciu inną aktywnością:

The screenshot shows the Android Studio interface with the Logcat tool open. The log output shows several entries related to the onPause() method being called on the second activity. The Logcat pane displays the following log entries:

Time	Process	Method	Message
2023-10-02 14:33:16.441	4726-4726	zygote	pid-4726
2023-10-02 14:33:16.465	4726-4726	zygote	pid-4726
2023-10-02 14:33:17.031	4726-4726	AppCompatDelegate	pid-4726
2023-10-02 14:33:17.087	4726-4726	LifeCycle	pid-4726
2023-10-02 14:33:17.142	4726-4726	LifeCycle	pid-4726
2023-10-02 14:33:17.171	4726-4726	LifeCycle	pid-4726
2023-10-02 14:33:17.254	4726-4726	LifeCycle	pid-4726
2023-10-02 14:33:17.270	4726-4726	LifeCycle	pid-4726

The right side of the Logcat window shows detailed information for the last entry (pid 4726), including log messages from the system and the application's onPause() method.

zniszczenie i utworzenie na nowo aktywności:

The screenshot shows the Android Studio interface with the following details:

- Project Structure:** The left sidebar displays the project structure under "app". The "java" folder contains "com.example.lifecycle" with "MainActivity" and "MainActivity2". The "layout" folder contains "activity_main.xml" and "activity_main2.xml".
- Main Activity Code (MainActivity.java):**

```
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onPause() {
        super.onPause();
        Log.d(TAG, msg: "onPause aktywowane");
    }
    @Override
    protected void onStop() {
        super.onStop();
        Log.d(TAG, msg: "onStop aktywowane");
    }
    @Override
    protected void onDestroy() {
        super.onDestroy();
        Log.d(TAG, msg: "onDestroy aktywowane");
    }
    public void startAct() {
        startActivity(new Intent(packageContext: this, MainActivity2.class));
        finish();
        startActivity(new Intent(packageContext: this, MainActivity2.class));
    }
}
```
- Device View:** On the right, there is a preview of an iPhone X device showing a black screen.
- Bottom Bar:** The bottom bar includes icons for Version Control, Run, Profiler, Logcat, App Quality Insights, Build, TODO, Problems, Services, App Inspection, and a search bar labeled "Wyszukaj". It also shows the build status: "Install successfully finished in 25 s 164 ms. (5 minutes ago)".
- Bottom Right:** The bottom right corner shows the date and time: "09.10.2023 13:19".