

## Java threads assignment

Using the application example and the source code during the class, expand the application to include a third thread (e.g., a chorus, or a third voice, or an instrumental, etc.).

The third thread must synchronize with the first two in terms of exchanging information with them.

Develop a simple Java Swing GUI to demonstrate how the application works. In the simplest implementation, there should be just a Start button to start the threads and the Stop button to stop them. A text area (with scroll bars) should display the operating threads. A more sophisticated implementation should have another couple of buttons to start each thread when the user wants to start them.

The students who submit their projects are requested to upload their project to GitHub and notify the teacher about their submission via email ([devedzic@fon.rs](mailto:devedzic@fon.rs)).

Due date: June 15, 2017, 24:00.

(It is a hard deadline – no submissions will be accepted after that date/time.)