

## ***„Java – advanced training – Training preparing for the exam Sun Certified Java Programmer (310-065)”***

### ***Course description:***

JAVA training – advanced operations is addressed to people who want to prepare for the exam Sun Certified Java Programmer (310-065). The participants should have some basic knowledge of JAVA programming. During the training JAVA advanced operations we pay particular attention to the various types of "catches" that occur at the exam 310-065.

### ***Training program:***

1. **Declarations, initialization and scope of variables in Java.**
  - Data types
  - Operators
  - Exceptions
  - Interfaces
  - Standard Packages
  - Tables
  - Loops, conditions
  - Control instructions
  - Flow control
2. **Flow control in JAVA language**
3. **JAVA object oriented programming**
  - Classes, methods, objects
  - Constructors
  - Polymorphism
4. **API mechanisms**
5. **JAVA multithreading**
6. **Generic collections/types**

## 7. General issues

### *Methodology:*

- PowerPoint mini lectures
- working on computers (each participant works on a separate computer)
- mini training videos

### *Organizational information:*

Number of training hours: 21 hours / 3days

Time of training 9:15-16:15

Place of training: Łódź, Piotrkowska 125 – KM Studio - trainings