**Programming Basics with Python**

**Course details**

The course "Programming Basics" teaches basic programming skills, required for all educational paths in the Software University. This includes writing programming code using Python programming language (basic coding skills), working with PyCharm - integrated development environment (IDE), using variables and data, operators and expressions, working with the console (reading input data and printing results), using conditional statements (if, if-else) and loops (for and while). The course ends with a practical programming exam, which is also an entry exam for the Software Engineering educational program in the Software University.

**Acquired skills**

* Working with the console (input and output data);
* Performing simple calculations;
* Working with conditional statements (if-else);
* Working with complex logical conditions;
* Working with loops (for);
* Working with complex loops (nested for and while loops).