

An experience of teaching the programming language Java

Grigorii Melnichenko, gmelnichenko@gmail.com
Vilnius Pedagogical University

In our University the basic teaching programming language is Pascal for informatics and mathematics students. Under the recommendation of experts of the European Union it has been decided to teach a brief course “Introduction in Java”. However the course is freely chosen and it is teaching only one semester for students in 4th course. It is not enough for such language as Java, considering its importance for modern information technologies.

I teach Java only two years, therefore my experience of teaching Java is small. In my report I will discuss the teaching of Java with a combination of free IDE as JCreator LE and NetBeans and why I have chosen such IDEs.

JCreator IDE is a lightweight, easy-to-use teaching for structured programming of Java. It is faster, more efficient and more reliable than other IDE. It is the perfect tool for programmers of every level, from learning student to Java-specialist.

NetBeans IDE is a powerful and best free/open builder for creation of Graphic User Interface (GUI). IDE has BlueJ plugin specifically for teaching object-oriented programming language to beginners.