Automated system for practical classes on programming

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The article presents an automated testing system T-BMSTU, created in BMSTU to check programs that students develop as part of the practical training in programming. System components, their working principles, and their integration with external software are described. Attention is paid to the deployment of the system. Methodical and organizational aspects of its introduction to the learning process are considered. Since use of the framework in professional programmers' training has both advantages and disadvantages, we offer possible approaches to overcoming of the disadvantages as well as directions of further development.

Keywords: *automated testing system, test kits, detection of incorrect borrowings.*

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