

ABSTRACT

The bachelor thesis is centred on an educational area algorithm development and programming at basic schools. The main aim is an overview and a description of teaching methods and programmes which promote the development of student's computational thinking. The thesis contains an analysis of researches which describes the situation of teaching algorithm development and programming at basic schools in 2006-2007 and in 2013. The analysis was realized by Department of Information Technology and Education at Faculty of Education at Charles University. Next part is a definition of basic concepts relating to this topic and at the end there are two examples of worksheets prepared for concrete methods.