In the present work, the problem of keyword extraction is studied. The work contains a brief introduction to the problem and description of some approaches to its solution. As a part of the work, some of the approaches are implemented and their e ciency is evaluated on a basis of a collection of documents. Two software tools are created. The rst one's purpose is keyword extraction. The other one is a web-based interface for the rst tool with one more function. It can be used for manual assigning of keywords to texts.