The report has to have the following sections:

Abstract, a clear introduction and description of methods, examples and applications, brief conclusions, and references. No more than 7pages are allowed. An extra 3 pages are allowed for including the code (can be double-column if needed). Two choices are possible for the applications and examples

Implement the method(s)yourself; test on examples; compare with other methods and/or exact solutions (using the programming language of your choice)and comment of advantages/disadvantages compared with other methods.

Use software packages (Matlab, Mathematica, Maple, etc.) To build more complex applications that provide solutions for a specific applied problem of your choice.