

Portfolio 1

The portfolio is mandatory and is basement for the oral exam.

The portfolio must be solved individuals or in groups of 2 persons, and the result must be sent to me by mail (bjbu@tietgen.dk) as a zip file with the C#-project and the mail-title "FOP1-portfolio-1".

The zip file must contain a text file "group.txt" with your names and numbers.

All source files must start with a comment with your names and numbers.

Deadline is 21. October 2005.

The portfolio 1 includes the exercises CS018 extended with the following.

- a) The class **MediaCatalog** must be extended with one or more methods that can return a selected collection of all the Media objects it contain based on one or more of the following criteria given as arguments:
 - Part of the title
 - Subtitle or part of
 - Author of part of
 - Minimum playtime (for Film only)
 - Maximum playtime (for Film only)
- b) The class **MediaCatalog** must be extended with a methods that write (save) the MediaCatalog-object to a file, using serializing.
- c) The class **MediaCatalog** must be extended with a class methods that read (load) a serialized MediaCatalog-object and return it.
- d) All classes and methods must be tested.