



# Front-end development: Objects

## JavaScript – Book Utilities

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The following exercise contains the following subjects:

- Objects

### Instructions

1. create 2 book objects with properties: name, author, year.
2. create an empty object bookUtils (utils = short for utilities).
3. add to the bookUtils object a function getFirstPublished, that receives 2 books and returns the book with the smaller year.
4. add to the bookUtils object a function setNewEdition, that receives a book and an edition year and sets a new property latestEdition with the edition year, or updates an existing one.
5. add to the bookUtils object a setLanguage function, that receives a book and a language and sets a new property language with the language, or updates an existing one.
6. add to the bookUtils object a setTranslation function, that receives a book a language and a translator, and sets a new property of translation, which is an object that contains the translator and the language.
7. add to the bookUtils object a setPublisher function, that receives a book a name and location, and sets a new property named publisher, which is an object that contains

the name and location.

8. add to the bookUtils object a function isSamePublisher, which receives 2 books and checks if the publisher name and location are identical in the 2 books.