

Front end development: Objects

JavaScript – Book Utilities

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 to the bookUtils object a function getFirstPublished, that recieves 2 books and returns the book with the smaller year.
4. add to to the bookUtils object a function setNewEdition, that recieves a book and an edition year and sets a new property latestEdition with the edition year, or updates an existing one.
5. add to to the bookUtils object a setLanguage function, that recieves a book and a language and sets a new property language with the languahe, or updates an existing one.
6. add to to the bookUtils object a setTranslation function, that recieves 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 to the bookUtils object a setPublisher function, that recieves a book a name and a location, and sets a new property named publisher, which is an object that contains the name and location.
8. add to to the bookUtils object a function isSamePublisher, that recieves 2 books and checks if the publisher name and location are identical in the 2 books.

Submit the file to Hive.