

Create a library system which has the following classes:

- **Date:** which displays the day, hour and minute.
- **Person:** which stores name, age, id and gender of the person and has a `printlnInfo()` method
- **Author:** which stores the same information as person and stores email and nationality of the author and has a `printlnInfo()` method.
- **Employee:** which stores the same information as person and stores salary, bonus, taxes of the employee. It should have a `printlnInfo()` method and `calculateNetSalary()` method. $\text{Net salary} = \text{salary} + \text{bonus} - (\text{taxes} * \text{salary})$
- **Book:** which stores name, category, author, number of pages, id, bool states if the book is borrowed or not and a static counter to count the total number of books.
- **Client:** which stores the same information as person and stores the number of borrowed books and an array of books which stores the current borrowed books. The class should have a `printlnInfo()` method, `borrowBook()` method, and `returnBook()` method. `borrowBook()` should check that the book is not borrowed and that the user can't borrow more than 3 books at the same time.