****

**Author class:**

Attributes:

* name: the name of the author.
* age: the age of the author.

Methods:

* Author (name: String, age: int): constructor
* getName(): this method returns the name of the author.
* getAge(): this method returns the age of the author.

**Paper class**:

Attributes:

* title: the title of the paper.
* nbWords: the number of words of the paper.

Methods:

* Paper(title: String, nbWords: int): constructor
* addAuthor (a: Author):this method adds the author a to the paper . It returns true if the author a is successfully added. Otherwise, it returns false.
* findYoungestAuthor():this method returns the youngest author of the paper.
* countAuthors (a: int):this method returns the number of authors having the age greater or equal to a.
* getNbWords ():this method returns the number of words of the paper.

**Conference class:**

Attributes:

* name: the name of the conference.
* location: the name of the city where the conference is held.

Methods:

* Conference(name: String, location:String): constructor
* addPaper (p: Paper):this method adds the paper p to the conference . It returns true if the paper p is successfully added. Otherwise, it returns false.
* splitPapers(n: int, longPapers: Paper[], shortPapers: Paper[]):this method receives
* two arrays. It inserts the papers having the number of words greater than n into the
* array longPapers. It inserts the papers having the number of words less than n into the array shortPapers.
* countSeniorAuthors ():this method returns the number of authors having the age greater or equal to 50.

QUESTION: Translate into Java code the class Author, Paper, Conference.