**In-Class Activity**

A research paper can be in different states, like,

* DRAFT: When a research paper is created or when it is not set for reviews, and the changes are still going on.
* IN REVIEW: When a research paper is set for a review.
* APPROVED: When a research paper is approved.
* REJECTED: When a research paper is rejected.



The state diagram is shown below. Use state design pattern to implement it.

