Create a package “A”. It includes:

1. Class window. It has:

* Some fields: width, length (validate: 10<=width<=100, validate: 10<=length<=100)
* Some methods:

+ default constructor: set width=10, length=10

+ The constructor with parameters

+ getters, setters

+ Input()

+ output(): display detail of window

1. An interface “IList”. It has:

* boolean Add(window x)
* Window search(String id)
* void printAll()

Create a package “B”. It contains:

1. Class Editor that extends the class window. It extends some fields and methods

* String id , String title (formatted ID: Exxx , x is digit; formatted title is not empty)
* Constructors, getters, setters, input(),output to display detail of editor

1. Class MyList implements IList

* Some fileds: window [] list , int count
* Implements all methods in IList

Create a package “C”. It contains class “test”

In this class, you have the main method with a menu

1. Add a Window
2. Add an Editor
3. Search by Id
4. Print All
5. Exit

(Use try… catch to manage all exceptions and formatted Criteria)