

Lab on Interfaces

- Use all the prior lab classes (*Product*, *Book*, *Software*, *ProductDB*, *ProductApp* classes).
- Let *Product* class implement '*Comparable*' Interface from *java.lang* package. And '*compareTo*' method should compare 'product code'.
- In *ProductApp*, do the following:
 - Sort the array that was used to store the products, using '*Arrays*' class from *java.util* package.
 - Based on '*compareTo()*' implementation the products in the array are sorted.
- Create an interface called '*Tagable*', which has '*getTags()*' and '*setTags()*' methods.
- Let *Product* class implement *Tagable* interface.
 - While setting tags to a product, make sure a product can have multiple tags and each tag is delimited with a comma. And multiple invocations to *setTags* should not loose existing tags.
 - E.g.: A Java book may contain the following tags:
 - Core java, fundamentals, For beginners, programming language
 - E.g.: A JSPS book may contain the following tags:
 - Web programming, basic web, server pages