Module 6 : Working with Files

Assignment

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Version 1.0

Assignment

1. Write a programme to search non-recursively for filenames where the user will give the following inputs as command line arguments

   - The search directory

   - The file extension

2. Write a method in the **module6.TextFileHandler** to load the file into a map, where key = country and value = capital.

3. Write a method in the **module6.TextFileHandler** to write, to a file, all the country names that starts with a letter passed as an argument, along with their capitals.

   - **public static void writeToFile(String newFilename, char countryNameBeginningWith) where countryNameBeginningWith = 'S'**

   - **Name the new file countries_s.csv**

4. For the class *module6.SerializationDemo*

   - Comment out the *load(..)* method call and just store the list by running the programme.

   - Now change the *serialVersionUID* to something else.

   - Comment the *store(...)* method call, uncomment the *load(...)* method call and run the programme.

   What do you observe?

5. For the *menu.xml* write a programme *module6.bkmenu.BKMenuPriceFinder* to inquire on the price of a breakfast item. The xml filename and the item name will be supplied by the user.

6. As an exercise check the other methods of *org.xml.sax.helpers.DefaultHandler* and also the interfaces that it implements.

7. Write a programme to update the *price* of a book based on the *book ID*.

   - The input xml is *catalogue.xml*

   - Don't change the *catalogue.xml*, create a new xml instead.

   [Solution: *module6.catalogue.CatalogueUtils*]