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Running Notes April 15th 2019
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If you want to pick up your final exam for 35a from Winter please seem me after lecture.

Lab 1 questions -
How friendly should the data file be for an end user?
- not friendly at all - engineer friendly.
Can you add # of options or optionsets in the text file - yes.
What is the Option type?
 - "Color" - "Base Metallic Green",0.0
 - "Transmission" - "Auto", 0.0
What do we do for
Delete, DeleteOption or Optionset
 - simply set the index value in Option or OptionSet to null.
and
UpdateOption
  - you should be able to update an option name or price (within an optionSet) - should take
input for old data and new data.
 or UpdateOptionSet
 - update OptionSet name
 - Update one option object
 - Update one option name and price.
 - update option name only
 - update option price only.
What does the text file contain?
 - Everything - all properties for ford wagon ztw - one model per class.

What relationships to use in lab 1
containment -
association
encapsulation

 - FordWTZ reg, FordWTZ fancy, FordWTZ ugly
 3 models - 3 text files.

What is an OptionSet?

        public class OptionSet {

        }

        OptionSet a1 [] = new OptionSet[5];
        a1[0] = new OptionSet(...);
        a1[0].setName("Color");
        a1[1].setName("Transmission");
        a1[1].setName("Brakes");
Will a UI be created later?
Yes - in lab 6.

in each test case -
read a text file -
print before serialization
print after deserialization

add comments in test runs  - to guide me on what you are testing.

 - what to submit
.zip file
/lab 1
        /src folder
        /input files
        /test runs - in a single text file.
        /class diagram.
        /extra points for sequence diagram - fileio - parsing method.
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         readme - contains any special instructions

 What is location of methods that process input and serialized files?
         util --> FileIO

 Usage of assert - //in a sep. jave file that you do not submit.

 working in teams -
 it is fine to discuss design - class diagram is static variable - put names on class diagram.
 do not share code..




 Common mistakes -
 Structure of Option/OptionSet class
 How to start?
 Desiging the input file
  - email to singhsukhjit@fhda.edu




 Parsing method
 toString with StringBuffer
 method declarations ????
 What class should be an inner class?




 which java se can you use?
 use the latest - no modules please.

 methods for auto class -
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