

CSE5910 : Multimedia Programming in Java

Laboratory Session Worksheet. Week 7, Semester 2, 2007

Individual Exercises.

In this tutorial you can explore the `java.io` package in your own way. We won't be covering this in lectures but since you'll need to understand how it works to make your programs read and write to the screen and to files its something you'll really need to understand. You'll also require this knowledge for your assignments (and the exam!)

Try to read and write some text to and from the screen.

Try to read and write some text to and from a file.

Create a class with some data members and an `input()` and `output()` routine.

Have the user enter some data to create a new object of this class type in memory. Save the object to a file.

Quit the program, then have the program load the object from the data file into memory.

Display the freshly loaded object's contents on the screen.

Once you have this code working, have a look for "serialization" in your favourite Java reference manual. What is it? How does it work? Can you change your class above to implement the *Serializable* interface?