

## INTRODUCTION TO JAVA FOR NON-C PROGRAMMERS

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### LABS

❶ Create a class named **Order** which contains a customer id and name. Provide an appropriate constructor.

- a. Write the contents of an **Order** object to the file *order.txt* in a readable text format.
- b. Write the contents of the same object to the file *order.dat* in a binary format.
- c. Write the same object to the file *order.ser* as a serialized object.

Make sure your **Order** class implements **Serializable**.

(Solution: *Order.java*)

❷ Create a class named **Search** that searches through the file *employee.txt* for the pattern "manager" and prints out any lines that match the pattern. (Hint: You can search through a string for a substring using the **indexOf()** method in the **String** class.)

(Solution: *Search.java*)

❸ Modify the search program to obtain the pattern followed by the filename from the command line, such as:

```
java Search manager employee.txt
```

Try searching through your source code file, *Search.java*, for a pattern such as "**= new**" or "**Reader.**"

(Solution: *Search2.java*)