

IST 256
Lab Week 15, Day 2 – December 9, 2009

1. Review of Record Structures and Arrays

a. Write the declaration of a record structure for stock items that has fields called “*stockname*” and “*stockid*” of type String, a field called “*quantity*” of type Integer, and a field called “*color*” of type String.

b. Declare a one-dimensional array of records using the record structure declared in the previous question. Make the array hold 25 elements.

c. Assume that all 25 elements of the array have been defined, for example, they could have been read from a file. Suppose that the user can type in part of a stock name into TextBox1 on the form. Write the code for a wild card search that will find all records in which a part of the “*stockname*” field matches what the user specifies. Show the “*stockid*” values of each of the matching records in a label.

Do not hand in the labs from this week. Instead show them to Prof. McCracken before you leave and get checked off the list for Lab Week 15.