

Lecture 7.2 Programming Exercise

Define a class called Product that models the product data that was used for the programming exercises in the last unit. A Product object will have an integer product number, a string product name, an integer quantity, and a double cost.

Write a program that uses serialization and deserialization to write the object data to a file and read the data from a file. Use the following data.

Product Number	Name	Quantity	Cost
110	Hammer	20	\$ 12.99
520	Lawn Mower	8	79.52
178	Monkey Wrench	52	6.95
172	Screwdriver	150	5.99

The program should create Product objects, initialize them with the above data, write them to a file, and then close the file. The program should then use deserialization to read the data and display the data on the standard output.

Once you have your program working you may compare your solution with the sample solution provided in the course downloads folder.