List of commodity

Ram is working as a Warehouse Assistant in Devi Shipping Company. His daily routine is to collect the Commodity details that are ready for shipment everyday and prepare a list of the same. The Commodity details such as commodity name, quantity, totalvalue, total weight, hazardous are store in CSV format. Write a program using Generics to help Ram list out the Commodity details in the desired format as shown in the output.

Problem Specifications:

[Note: Strictly adhere to the object oriented specifications given as a part of the problem statement. Use the same class names, attribute names and method names.]

Create a class named "Commodity" with the following private attributes.

- String commodityName;
- String quantity;
- String totalvalue
- String totalweight;
- String hazardous;

Include appropriate getters and setters

Include default constructor and 5 argument constructor with argument String commodityName,String quantity,String totalvalue,String totalweight,String hazardous.

Specification:

Use the following method to create array,

List<Commodity>list = new ArrayList<Commodity>():

Input Format:

First integer input corresponds to the number of commodities.

Next lines of inputs corresponds to the commodity details in CSV format.

Order of the details are commodity name, quantity, total value, total weight, hazardous.

Output Format:

Use %-15s%-15s%-15s%s to format the strings and display the commodity details.

[All text in bold corresponds to input and rest corresponds to output.]

Sample input and output 1:

Enter the number of commodities:

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Enter the commodity details

Thermocoal,100,\$100,15KG,False

Block Glass,20,\$1700,20KG,False Fireworks,500,\$3500,25KG,True

Commodity details are :

| Commodity Name | Quantity | Total value | Total weight | Hazardous |
|----------------|----------|-------------|--------------|-----------|
| Thermocoal | 100 | \$100 | 15KG | No |
| Block Glass | 20 | \$1700 | 20KG | No |
| Fireworks | 500 | \$3500 | 25KG | Yes |