Final Project:

(Manipulating a Stream<Invoice>)
Use the class Invoice to create a List of Invoice objects.
Use the sample data shown in the Fig.
Class Invoice includes four properties

- a PartNumber (type int),
- a PartDescription (type String),
- a Quantity of the item being purchased (type int) and
- a Price (type double).

Perform the following queries on the List of Invoice objects and display the results:

a. Use lambdas and streams to sort the Invoice objects by PartDescription , then display the results.
b. Use lambdas and streams to sort the Invoice objects by Price , then display the results.
c. Use lambdas and streams to map each Invoice to its PartDescription and Quantity , sort the results by Quantity , then display the results.
d. Use lambdas and streams to map each Invoice to its PartDescription and the value of the Invoice (i.e., Quantity * Price). Order the results by Invoice value.
e. Modify Part (d) to select the Invoice values in the range $200 to $500.

Part number	Part description	Quantity	Price
83	Electric sander	7	57.98
24	Power saw	18	99.99
7	Sledge hammer	11	21.50
77	Hammer	76	11.99
39	Lawn mower	3	79.50
68	Screwdriver	106	6.99
56	Jig saw	21	11.00
3	Wrench	34	7.50