Homework 7
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✗ For All Maps the keys are sorted

Customer_Type : map < Customer, String >
- Created a Customer class that holds the first and last name. They are the keys and values are costume names.

keys (Customer)	First: Mary Last: Brown	F: Sharon L: Jackson	F: Betty L: Lee	F: Paul L: Rodrig.
value (costume - name)	" " (never rented costume)	" Transfor mers"	" Transfor mers"	" Pirate"

- Created boolean operator < and == so find function and the map sorting algo. works correctly.
- Sorts by last Name. or first name if last names equal

People_Type : map < costume_name, Vector < customer > >
- Created only to help with who is currently holding a specific costume. Needed to be chronological so that is why it is a vector of customers
- If costume is returned, customer removed from vector

keys (costume name)	"Battentna"	"Pirate"	" Transformer"
value (Vector < customer >)	<> (empty)	< F: Paul L: Rodr. >	< F: Betty F: Sharon L: Lane L: Jackson >

- Vector should be sorted chronologically

Costume_Type : S.Hop inventory (map < String, int >)
- Pretty self-explanatory. Costume name is the key and value is the number of copies the costume has.

keys (costume name)	"battentna"	"pirate"	"Popeye"	"Transformer"
value (copies)	1	4	1	2