

CT - 4
Section - D

Date:
Name:

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1.	<p>Design a class <code>ShoppingCart</code> to manage items in an online shopping cart.</p> <ol style="list-style-type: none">Attributes:<ul style="list-style-type: none">An attribute <code>item</code> (a dictionary to store item names and their quantities).A static variable <code>total_carts</code> to keep track of the total number of shopping cart instances created.Methods:<ul style="list-style-type: none"><code>__init__(self)</code>: Initializes an empty cart and increments the static variable <code>total_carts</code>.<code>add_item(self, item_name, quantity)</code>: Adds a specified quantity of an item to the cart. If the item already exists, update its quantity. Ensure the quantity is positive.<code>remove_item(self, item_name, quantity)</code>: Removes a specific quantity of an item from the cart if it exists. Ensure the cart has enough of the item before removing.<code>get_items(self)</code>: Returns the static variable.	20
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