version 1.8 This is the version we based our code implementation on Main Order System - name: str - base_price: int - item_price: int - ingredients { ingredient: qty } - order_id: int - order_status: str - total_price: int - itemlist: list<Main/Side> 0..* 0..* + create_order_in_orders() + delete_order_from_orders() + add_items_to_order(int) + update_order_status(str, int) + view_order(int) + assign_order_status(str) + append_itemlist(Main/Side) + compute_total_price() + display_order() + validate_main(ingredients) + calc_price(base_price, ingredients, inventory) + display_item() + create_inventory() + add_items_to_inventory() + update_inventory(Inventory, int) + view_invenotry(Inventory) 1 Side - name: str - qty: int - delta_qty: int - item_price: int 0..* + qty_to_delta_qty(qty, delta_qty) + validate_side(qty) + calc_price(delta_qty, inventory, item_price) + display_item() Inventory inv_dict { item: Ingredient } + add_item() + remove_item() + get_item() + display_item() + decrement_qty(str, int) + increment_qty(str, int) + display_inventory() Ingredient - name: str - qty_remaining: int - min_qty: int - max_qty: int - price: int 0..* + display_ingredient()