

To add more products or restock the inventories i created this function

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In [ ]: #To be able to call this objects in other notebooks  
import import_ipynb
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In [ ]: import json  
from categories import category_items  
from utils import productNameFormatter
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In [ ]: #A function created to increase the number of units available for a certain product  
def restocker(prod, qty):  
    #process the input with the productNameFormatter()  
    prod = productNameFormatter(prod)  
  
    #ensures accepted input is a number  
    qty = int(qty)  
  
    with open("inventories.json", "r") as handler:  
        data = json.load(handler)  
  
    for key, value in category_items.items():  
        if prod in value:  
            if key == 'Beverages':  
                oldQty = int(data["beverages_inventory"][prod]["quantity"])  
                data["beverages_inventory"][prod]["quantity"] = int(data["beverages_inventory"][prod]["quantity"]) + qty  
  
                print(f"quantity of {prod} increase from {oldQty} to {data['beverages_inventory'][prod]['quantity']}")  
  
            elif key == 'PhoneAccessories':  
                oldQty = int(data["phoneaccessories_inventory"][prod]["quantity"])  
  
                data["phoneaccessories_inventory"][prod]["quantity"] = int(data["phoneaccessories_inventory"][prod]["quantity"]) + qty  
  
                print(f"quantity of {prod} increase from {oldQty} to {data['phoneaccessories_inventory'][prod]['quantity']}")  
  
            elif key == 'Toiletries':  
                oldQty = int(data["toiletries_inventory"][prod]["quantity"])  
  
                data["toiletries_inventory"][prod]["quantity"] = int(data["toiletries_inventory"][prod]["quantity"]) + qty  
  
                print(f"quantity of {prod} increase from {oldQty} to {data['toiletries_inventory'][prod]['quantity']}")  
  
            elif key == 'Pastry':  
                oldQty = int(data["pastry_inventory"][prod]["quantity"])  
  
                data["pastry_inventory"][prod]["quantity"] = int(data["pastry_inventory"][prod]["quantity"]) + qty  
  
                print(f"quantity of {prod} increase from {oldQty} to {data['pastry_inventory'][prod]['quantity']}")  
  
            elif key == 'Cosmetics':  
                oldQty = int(data["cosmetics_inventory"][prod]["quantity"])  
  
                data["cosmetics_inventory"][prod]["quantity"] = int(data["cosmetics_inventory"][prod]["quantity"]) + qty  
  
                print(f"quantity of {prod} increase from {oldQty} to {data['cosmetics_inventory'][prod]['quantity']}")
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with open("inventories.json", "w") as handler:
    json.dump(data,handler, indent=2)
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