**Code:**

**# product.py**

# Sample product database

product\_db = {

"12345678910": {"name": "Apple", "price": 5, "ex\_date": "3/9/2024"},

"987654321098": {"name": "Lays", "price": 7, "ex\_date": "3/9/2024"},

"8901262260121": {"name": "Milk", "price": 60, "ex\_date": "9/9/2024"},

"8901262260122": {"name": "Bread", "price": 30, "ex\_date": "3/9/2024"},

"2901262260132": {"name": "Sneakers", "price": 999, "ex\_date": "8/9/2024"},

"2901268260132": {"name": "Hand Bag", "price": 599, "ex\_date": "7/9/2024"},

"2201268260132": {"name": "Tomato", "price": 50, "ex\_date": "8/9/2024"},

"22012682601432": {"name": "Tomato", "price": 50, "ex\_date": "8/9/2024"},

"2201268260172": {"name": "rice", "price": 50, "ex\_date": "8/9/2024"},

"2201268260152": {"name": "Wheat", "price": 50, "ex\_date": "8/9/2024"},

"2201268260135": {"name": "potato", "price": 50, "ex\_date": "8/9/2024"},

"2201268260136": {"name": "bbb", "price": 50, "ex\_date": "8/9/2024"},

# Add more products as needed

}