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Out[19]: dict

In [24]:

type (products)

import json

print(js) {"1": {"product name": "five star", "price": 10, "manufactured date": 1232020, "expiry date": 2392021, "quantit

js=json.dumps(products)

e': 14102021, 'expiry date': 12112022, 'quantity': 250}}

tity": 200}, "3": {"product\_name": "perk", "price": 13, "manufactured\_date": 652020, "expiry\_date": 482021, "qu antity": 24}, "4": {"product\_name": "glucose", "price": 30, "manufactured\_date": 232020, "expiry\_date": 1511202 1, "quantity": 200}, "5": {"product name": "diary milk", "price": 10, "manufactured date": 1232020, "expiry dat e": 15112022, "quantity": 170}, "6": {"product name": "milky bar", "price": 30, "manufactured date": 2362020, "expiry\_date": 15112022, "quantity": 45}, "7": {"product\_name": "kit-kat", "price": 20, "manufactured\_date": 33 2020, "expiry date": 15112022, "quantity": 450}, "8": {"product\_name": "eclairs", "price": 5, "manufactured\_dat e": 2432020, "expiry date": 972022, "quantity": 34}, "9": {"product name": "maha-lacto", "price": 5, "manufactu red\_date": 432020, "expiry\_date": 682022, "quantity": 200}, "10": {"product\_name": "5050", "price": 20, "manufa ctured\_date": 1292020, "expiry\_date": 632020, "quantity": 240}, "11": {"product\_name": "butter biscuit", "pric e": 50, "manufactured\_date": 482020, "expiry\_date": 25112022, "quantity": 20}, "12": {"product\_name": "salt bis cuit", "price": 40, "manufactured date": 2362020, "expiry\_date": 14112022, "quantity": 200}, "13": {"product\_na me": "milky biscuit", "price": 10, "manufactured\_date": 562020, "expiry\_date": 2992021, "quantity": 140}, "14": {"product\_name": "marie gold", "price": 5, "manufactured\_date": -1931, "expiry\_date": 18112022, "quantity": 20 0}, "15": {"product\_name": "lays", "price": 13, "manufactured\_date": 192020, "expiry\_date": 15112022, "quantit y": 24}, "16": {"product\_name": "kurkure", "price": 30, "manufactured\_date": 1882020, "expiry\_date": 16112022, "quantity": 200}, "17": {"product\_name": "cherry cake", "price": 45, "manufactured\_date": 382020, "expiry\_date": 15102021, "quantity": 200}, "18": {"product\_name": "ghee biscuit", "price": 35, "manufactured\_date": 128202 1, "expiry\_date": 15112022, "quantity": 200}, "19": {"product\_name": "milk shakthi", "price": 40, "manufactured date": 1452021, "expiry\_date": 2592022, "quantity": 28}, "20": {"product\_name": "cream biscuit", "price": 10, "manufactured\_date": 1692021, "expiry\_date": 19112022, "quantity": 20}, "21": {"product\_name": "tiger biscuit", "price": 5, "manufactured\_date": 15102021, "expiry-date": 15112022, "quantity": 100}, "22": {"product\_name": "v ennila cake", "price": 20, "manufactured date": 1042021, "expiry date": 10112022, "quantity": 200}, "23": {"pro duct\_name": "strawberry biscuit", "price": 45, "manufactured\_date": 14102021, "expiry\_date": 18112022, "quantit y": 700}, "24": {"product\_name": "butterscotch", "price": 5, "manufactured\_date": 14102021, "expiry\_date": 1411 2022, "quantity": 200}, "25": {"product\_name": "chocolate cake", "price": 20, "manufactured\_date": 1332020, "ex piry\_date": 992021, "quantity": 100}, "26": {"product\_name": "dark chocolate", "price": 30, "manufactured\_date": 14102021, "expiry\_date": 15112022, "quantity": 300}, "27": {"product\_name": "lottee choco pie", "price": 13, "manufactured\_date": 8112021, "expiry\_date": 25112022, "quantity": 24}, "28": {"product\_name": "dark fantas y", "price": 20, "manufactured\_date": 13102021, "expiry\_date": 13112022, "quantity": 100}, "29": {"product\_nam e": "kinder-joy", "price": 34, "manufactured\_date": 17102021, "expiry\_date": 15112022, "quantity": 209}, "30": {"product name": "crispello", "price": 12, "manufactured date": 14102021, "expiry date": 12112022, "quantity":

fd=open("products.json","r") txt=fd.read() fd.close()

250}}

txt

Out[25]: str

type(js)

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import time time.ctime() Out[38]: 'Sun Sep 5 16:35:45 2021'

'quantity': 100}

fd=open("products.json",'w') fd.write(js) fd.close()

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'expiry\_date': 2392021,