

```

products = {
    1001 : {"name":"Betty Croker Pancake",      "price":346,  "quan":190, "expiry":"15 jan 2
    1002 : {"name":"Parle G Original",          "price":67,   "quan":140, "expiry":"13 dec 2
    1003 : {"name":"Lays Potato Chips",         "price":30,   "quan":450, "expiry":"14 feb 2
    1004 : {"name":"Bingo! Mad Angle",          "price":25,   "quan":440, "expiry":"20 dec 2
    1005 : {"name":"Kellogg's pringles",        "price":85,   "quan":400, "expiry":"25 jan 2
    1006 : {"name":"Dorito's Nacho Chips",      "price":90,   "quan":360, "expiry":"22 jan 2
    1007 : {"name":"Kitkat Desert",             "price":55,   "quan":59,  "expiry":"31 aug 2
    1008 : {"name":"Dark Fantasy Choco Fills",  "price":90,   "quan":90,  "expiry":"21 feb 2
    1009 : {"name":"Candyman Fantasy",          "price":80,   "quan":95,  "expiry":"28 dec 2
    1010 : {"name":"Lotte Choco Pie",           "price":110,  "quan":95,  "expiry":"01 jun 2
    1011 : {"name":"Britania Chocolate cake",   "price":120,  "quan":100, "expiry":"15 jul 2
    1012 : {"name":"Pillsbury cookies cake",    "price":90,   "quan":200, "expiry":"02 dec 2
    1013 : {"name":"Dabur Amla Hair Oil",       "price":247,  "quan":100, "expiry":"10 aug 2
    1014 : {"name":"Nivea Men Face Wash",       "price":149,  "quan":98,  "expiry":"31 jul 2
    1015 : {"name":"Himalaya herbal face wash", "price":105,  "quan":200, "expiry":"22 f
    1016 : {"name":"Pepsi Can",                 "price":153,  "quan":50,  "expiry":"20 oct 2
    1017 : {"name":"Tata Salt",                  "price":20,   "quan":130, "expiry":"12 jan 2
    1018 : {"name":"Tata Tea Gold",              "price":48,   "quan":145, "expiry":"10 mar 2
    1019 : {"name":"Turmeric Powder",           "price":52,   "quan":122, "expiry":"23 jun 2
    1020 : {"name":"Quaker Oats",                "price":285,  "quan":30,  "expiry":"30 oct 2
    1021 : {"name":"Saffola Active",             "price":207,  "quan":58,  "expiry":"29 jan 2
    1022 : {"name":"Thums Up Soft Drink",       "price":40,   "quan":60,  "expiry":"20 dec 2
    1023 : {"name":"Svami Soda Water",          "price":55,   "quan":70,  "expiry":"20 jun 2
    1024 : {"name":"Coca-Cola",                 "price":65,   "quan":60,  "expiry":"22 jul 2
    1025 : {"name":"Sprite Lime Flavor",        "price":89,   "quan":40,  "expiry":"20 nov 2
    1026 : {"name":"Colgate Maxfresh",          "price":215,  "quan":55,  "expiry":"20 jun 2
    1027 : {"name":"Pepsodent Gum Care",        "price":300,  "quan":150, "expiry":"15 jul 2
    1028 : {"name":"Kraft Oreo Soft Cake",      "price":249,  "quan":120, "expiry":"30 dec 2
    1029 : {"name":"Mom's Magic Cashew",        "price":80,   "quan":180, "expiry":"19 mar 2
    1030 : {"name":"Cadbury Oreo Chocolate",    "price":80,   "quan":185, "expiry":"22 jan 2022"
    1031 : {"name":"Himalaya Baby Powder",      "price":243,  "quan":150, "expiry":"31 may 2
    1032 : {"name":"Nivea Talcum Powder",       "price":199,  "quan":120, "expiry":"31 may 2
    1033 : {"name":"Fogg Xtremo Scent",         "price":299,  "quan":155, "expiry":"01 jan 2
    1034 : {"name":"Villain Perfume men",       "price":555,  "quan":230, "expiry":"31 may 2
    1035 : {"name":"Dairy Milk Silk",          "price":475,  "quan":50,  "expiry":"31 jan 2
}

```

```
import json
```

```
js = json.dumps(products)
```

```

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

```

READ DATA FROM JSON

```
fd = open("products.json",'r')
```

```
r = fd.read()
```

```
fd.close()
```

```
products = json.loads(r)
```

```
products
```

```
{'1001': {'brand': 'Betty Croker',  
  'expiry': '15 jan 2022',  
  'name': 'Betty Croker Pancake',  
  'price': 346,  
  'quan': 190},  
'1002': {'brand': 'Parle',  
  'expiry': '13 dec 2011',  
  'name': 'Parle G Original',  
  'price': 67,  
  'quan': 140},  
'1003': {'brand': 'Lay's',  
  'expiry': '14 feb 2023',  
  'name': 'Lays Potato Chips',  
  'price': 30,  
  'quan': 450},  
'1004': {'brand': 'Bingo!',  
  'expiry': '20 dec 2023',  
  'name': 'Bingo! Mad Angle',  
  'price': 25,  
  'quan': 440},  
'1005': {'brand': 'Kellogg's',  
  'expiry': '25 jan 2024',  
  'name': 'Kellogg's pringles',  
  'price': 85,  
  'quan': 400},  
'1006': {'brand': 'Dorito's',  
  'expiry': '22 jan 2023',  
  'name': 'Dorito's Nacho Chips',  
  'price': 90,  
  'quan': 360},  
'1007': {'brand': 'Nestle',  
  'expiry': '31 aug 2022',  
  'name': 'Kitkat Desert',  
  'price': 55,  
  'quan': 59},  
'1008': {'brand': 'Dark Fantasy',  
  'expiry': '21 feb 2022',  
  'name': 'Dark Fantasy Choco Fills',  
  'price': 90,  
  'quan': 90},  
'1009': {'brand': 'Candyman Fantastik',  
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  'name': 'Candyman Fantasy',  
  'price': 80,  
  'quan': 95},  
'1010': {'brand': 'Lotte',  
  'expiry': '01 jun 2022',  
  'name': 'Lotte Choco Pie',  
  'price': 110,  
  'quan': 95},  
'1011': {'brand': 'Britania',
```

```
'expiry': '15 jul 2022',  
'name': 'Britania Chocolate cake',  
'price': 120,  
'quan': 100},  
'1012': {'brand': 'Pillsbury',  
'expiry': '02 dec 2021',  
'name': 'Pillsbury cookies cake',  
'price': 90,  
'quan': 100}
```

