

(Dummyjson product questions)

Print the titles of all products

```
for i in data["products"]:
```

```
    print(i["title"])
```

output:

Essence Mascara Lash Princess

Maybelline Fit Me Matte Foundation

Revlon Super Lustrous Lipstick

L'Oréal Paris Voluminous Mascara

Neutrogena Makeup Remover Wipes

CeraVe Hydrating Facial Cleanser

The Ordinary Niacinamide 10% + Zinc 1%

e.l.f. Poreless Putty Primer

Milani Baked Blush

NYX Professional Makeup Setting Spray

Aveeno Daily Moisturizing Lotion

Garnier Micellar Cleansing Water

Olay Regenerist Micro-Sculpting Cream

Burt's Bees Beeswax Lip Balm

L.A. Girl Pro Conceal HD Concealer

Print the titles of all products in the "groceries" category

```
for i in data["products"]:
```

```
    if i["category"]=="groceries":
```

```
        print(i["title"])
```

Output:

Apple

Beef

Steak

Cat Food

Chicken

Meat

Cooking Oil

Cucumber

Dog Food

Egg...

Count how many products are currently marked as "In Stock".

```
count=0
```

```
for i in products:
```

```
    if i["availabilityStatus"]=="In Stock":
```

```
        count+=1
```

```
print(count)
```

output:

21..

Print the titles of products that have a discount greater than 15% and a rating above 4

```
for i in data["products"]:
```

```
    if i["discountPercentage"] > 15 and i["rating"]>4:
```

```
        print(i["title"])
```

output:

Maybelline Fit Me Foundation

Print the titles of products that have more than 2 reviews.

```
for i in data["products"]:
```

```
    if len(i["reviews"]) > 2:
```

```
        print(i["title"])
```

output:

Essence Mascara Lash Princess

Eyeshadow Palette with Mirror

Powder Canister
Red Lipstick
Red Nail Polish
Calvin Klein CK One
Chanel Coco Noir Eau De
Dior J'adore
Dolce Shine Eau de
Gucci Bloom Eau de
Annibale Colombo Bed Annibale Colombo Sofa
Bedside Table African Cherry
Knoll Saarinen Executive Conference Chair
Wooden Bathroom Sink With Mirror
Apple
Beef Steak
Cat Food
Chicken
Meat
Cooking Oil

Print the titles of products whose weight is greater than 5 and stock is less than 50.

```
for i in data["products"]:
```

```
    if i["weight"] > 5 and i["stock"] < 50: print(i["title"])
```

OUTPUT:

Eyeshadow Palette with Mirror
Calvin Klein CK One
Dolce Shine Eau de
Knoll Saarinen Executive Conference Chair
Wooden Bathroom Sink With Mirror
Apple
Cat Food

Calculate and print the total stock available across all products.

```
sum = 0
for i in data["products"]:
    sum = sum + i["stock"]
print(sum)
```

OUTPUT:

1648

Print the titles of products where the average rating from reviews is less than the product's main rating.

```
for i in data["products"]:
    if i["reviews"]: # Check if there are any reviews
        ratings = [review["rating"] for review in i["reviews"]]
        avg = sum(ratings) / len(ratings)
        if avg < i["rating"]: # Compare average review rating with main rating
            print(i["title"])
```

output:

Powder Canister

Red Nail Polish

Calvin Klein CK One

Annibale Colombo Bed

Annibale Colombo Sofa

Knoll Saarinen Executive Conference Chair

Apple

Beef Steak

Cat Food

Cooking Oil

Cucumber

Print the titles of products where the minimum order quantity is greater than the available stock.

```
for i in data["products"]:
```

```
if i["minimumOrderQuantity"] > i["stock"]:  
    print(i["title"])
```

OUTPUT:

Cooking Oil

Eggs

Green Chili

Pepper

Honey Jar