Multi-Channel and Multi-Market Store
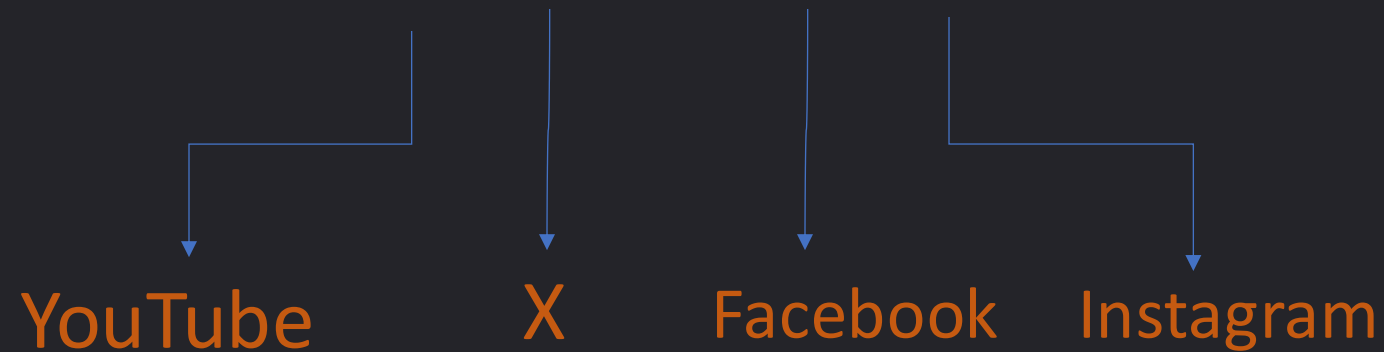
Author： Fufan Lu 002319616
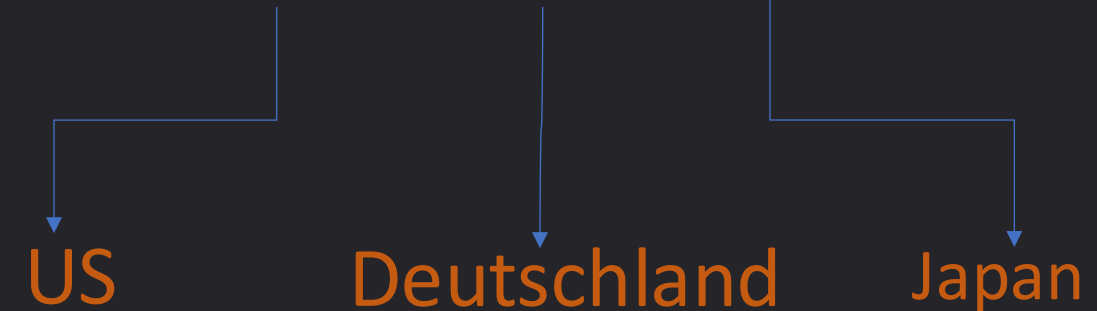
Different Channels and Markets

Different Channels

Different Markets

YouTube X Facebook Instagram US Deutschland Japan

Different sales volume can be shown directly

```
Channel: Facebook, Market: Amazon Deutschland, Sales Volume: 1555956
Channel: Facebook, Market: Amazon Japan, Sales Volume: 2904615
Channel: X, Market: Amazon Japan, Sales Volume: 3474111
Channel: Instagram, Market: Amazon Japan, Sales Volume: 3653764
Channel: Youtube, Market: Amazon Japan, Sales Volume: 4166355
Channel: Instagram, Market: Amazon Deutschland, Sales Volume: 3318940
Channel: Youtube, Market: Amazon US, Sales Volume: 2844403
Channel: Instagram, Market: Amazon US, Sales Volume: 2585058
Channel: X, Market: Amazon Deutschland, Sales Volume: 3191214
Channel: Youtube, Market: Amazon Deutschland, Sales Volume: 3187360
Channel: Facebook, Market: Amazon US, Sales Volume: 3246188
Channel: X, Market: Amazon US, Sales Volume: 2655475
```

A User-Friendly UI in Terminal

As an Administrator

As a Customer

```
Welcome Admin! Choose a report to view:
1. Market profit Report
2. Channel profit Report
3. Advertising Allocation Report
4. Exit
Enter the number of the report you want to see: 
```

```
Fantastic Aluminum Lamp Bundle      Price: 17908
Synergistic Copper Table Bundle     Price: 1245
Small Wooden Table Bundle     Price: 10401
Lightweight Copper Shoes Bundle      Price: 9265
Ergonomic Wool Clock Bundle      Price: 16184
Aerodynamic Plastic Keyboard Bundle     Price: 15785
What product do you want to buy?
Small Wooden Table Bundle
Anything else? (yes/no)
no
It is time to purchase
Order Items are Product: Small Wooden Table Bundle, Price: $10401
Total Money is 10401
Yes or NO?
yes
Thank you for your purchasing
```

It help admin to view 3 different reports

A friendly user experience when they are shopping through all kinds of channels and markets

A New Customer to My Online Store

1. Input new ID(identify old or new customer via ID)

```
Input your id
1
```

2. Choose a channel and market

```
Which channel and market do you want to choose
1.Channel: Instagram, Market: Amazon US
2.Channel: Instagram, Market: Amazon Deutschland
3.Channel: Instagram, Market: Amazon Japan
4.Channel: X, Market: Amazon US
5.Channel: X, Market: Amazon Deutschland
6.Channel: X, Market: Amazon Japan
7.Channel: Facebook, Market: Amazon US
8.Channel: Facebook, Market: Amazon Deutschland
9.Channel: Facebook, Market: Amazon Japan
10.Channel: Youtube, Market: Amazon US
11.Channel: Youtube, Market: Amazon Deutschland
12.Channel: Youtube, Market: Amazon Japan
Input your choice
1
```

3. Generate different advertisements

```
// Initialize the ads with their respective channel, market, and ad content
ads[0] = new Ad(channel:"Instagram", market:"Amazon US", adContent:"Buy Now! Exclusive deals for US customers on Amazon.");
ads[1] = new Ad(channel:"Instagram", market:"Amazon Deutschland", adContent:"Exklusive Angebote für deutsche Kunden bei Amazon!");
ads[2] = new Ad(channel:"Instagram", market:"Amazon Japan", adContent:"今すぐ購入！日本のお客様のためのAmazon限定セール！");
ads[3] = new Ad(channel:"X", market:"Amazon US", adContent:"Get your essentials delivered fast! Available now on Amazon US.");
ads[4] = new Ad(channel:"X", market:"Amazon Deutschland", adContent:"Schneller Versand für deutsche Kunden auf Amazon!");
ads[5] = new Ad(channel:"X", market:"Amazon Japan", adContent:"日本のAmazonで早く配達される商品をチェックしよう！");
ads[6] = new Ad(channel:"Facebook", market:"Amazon US", adContent:"Amazing discounts just for you on Amazon US! Shop today.");
ads[7] = new Ad(channel:"Facebook", market:"Amazon Deutschland",
    adContent:"Unglaubliche Rabatte für deutsche Kunden auf Amazon! Jetzt einkaufen.");
ads[8] = new Ad(channel:"Facebook", market:"Amazon Japan", adContent:"日本のお客様に大人気！Amazon限定セールをチェックしてみよう！");
ads[9] = new Ad(channel:"Youtube", market:"Amazon US", adContent:"Watch the latest product reviews! Buy on Amazon US.");
ads[10] = new Ad(channel:"Youtube", market:"Amazon Deutschland",
    adContent:"Neueste Produktbewertungen auf YouTube! Jetzt auf Amazon Deutschland kaufen.");
ads[11] = new Ad(channel:"Youtube", market:"Amazon Japan", adContent:"YouTubeでの最新製品レビュー！今すぐAmazon Japanで購入しよう。");
```

Products and Order

SolutionOffer and Product

- Name generated by Java Faker

- Name and different price

Confirmation and Checkout

- Calculate the sum of money

- Say thank you in the end

```
Fantastic Wool Shoes Bundle        Price: 2705
Heavy Duty Marble Computer Bundle       Price: 15345
Rustic Wooden Coat Bundle       Price: 2030
Gorgeous Plastic Bottle Bundle        Price: 14850
Fantastic Aluminum Lamp Bundle        Price: 17908
Synergistic Copper Table Bundle        Price: 1245
Small Wooden Table Bundle       Price: 10401
Lightweight Copper Shoes Bundle        Price: 9265
Ergonomic Wool Clock Bundle       Price: 16184
Aerodynamic Plastic Keyboard Bundle       Price: 15785
What product do you want to buy?
Small Wooden Table Bundle
Anything else? (yes/no)
no
```

```
It is time to purchase
Order Items are Product: Sleek Aluminum Watch Bundle, Price: $4503
Total Money is 4503
Yes or NO?
yes
Thank you for your purchasing
```