

Scenario:

APPLE regular price is \$1.00

ORANGE regular price is \$2.00

PROMOTION:

- 1) Buy 5 apple, get 2 free
- 2) Buy 3 oranges in a group at price \$1.80 each(10% off)

Results:

1. Create an order

Order Number = "WIY51405918562"

```
Terminal
+ (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
X (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py createorder
Successfully created order. Order Number = "WIY51405918562"
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

2. Add item to order

- 1) Add 11 apples

```
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py additem WIY51405918562 APPLE 11
Successfully add item "APPLE" to order "WIY51405918562"
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

- 2) Add 9 apples

```
Terminal
+ (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py additem WIY51405918562 APPLE 9
X Successfully add item "APPLE" to order "WIY51405918562"
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

3) Add 9 oranges

```
Terminal
+ (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py additem WIY51405918562 ORANGE 9
X Successfully add item "ORANGE" to order "WIY51405918562"
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

3. List orders

There are 2 orders in database. The order with status “New” is what we are dealing with.

```
Terminal
+ (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py listorders
X Order Count: 2
Order Num: 6QIE1405909818 | Status: Checkout(1) | Date: 2014-07-21 02:30:18+00:00
Order Num: WIY51405918562 | Status: New(0) | Date: 2014-07-21 04:56:02+00:00
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

4. Checkout order

```
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py checkout WIY51405918562
Successfully checked out order "WIY51405918562"
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

Now, we got 2 orders both are "checked out"

```
Terminal
+ (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py listorders
X Order Count: 2
Order Num: 6QIE1405909818 | Status: Checkout(1) | Date: 2014-07-21 02:30:18+00:00
Order Num: WIY51405918562 | Status: Checkout(1) | Date: 2014-07-21 04:56:02+00:00
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
```

5. Print Invoice

```
Terminal
+ (playground)alan@ubuntu:~/PycharmProjects/vgg_rules$ python manage.py invoice WIY51405918562
X Order Number: WIY51405918562
REGLR PRICE 3800.00
PRMTN PRICE 3120.00
===== ITEMS =====
CODE:APPLE NAME:red apple
REGLR PRICE 2000.00
PRMTN PRICE 1500.00
Promotion APPLE2_1
Buy 5 apple, get 2 free
-----
CODE:ORANGE NAME:big orange
REGLR PRICE 1800.00
PRMTN PRICE 1620.00
Promotion ORANGE_3
Buy 3 oranges in a group at price $1.80 each(10% off)
-----
(playground)alan@ubuntu:~/PycharmProjects/vgg_rules$
Push successful
```

Database:

Order Table

local

> information_schema

> cdemo

> jobsmart

> mysql

> performance_schema

> sakila

vgg 176.0 KiB

order 16.0 KiB

order_detail 48.0 KiB

order_promotion... 64.0 KiB

product 32.0 KiB

promotion 16.0 KiB

> world

vgg.order: 2 rows total (approximately)

🔑 id	order_number	regular_price	actual_price	status	modify_time	create_time	
291	6QIE1405909818	700	500	1	2014-07-21 02:44:24	2014-07-21 02:30:18	
336	WTY51405918562	3800	3120	1	2014-07-21 05:27:42	2014-07-21 04:56:02	

order_detail Table

Database filter	Table filter	★	Host: 127.0.0.1	Database: vgg	Table: order_detail	Data	Query*	
local			vgg.order_detail: 3 rows total (approximately)					
> information_schema			id	order_id	product_id	amount	unit_price	regular_price
> cdemo			447	291	1	7	100	700
> jobsmart			529	336	1	20	100	2000
> mysql			530	336	2	9	200	1800
> performance_schema								
> sakila								
▼ vgg	176.0 KiB							
order	16.0 KiB							
order_detail	48.0 KiB							
order_promotion...	64.0 KiB							
product	32.0 KiB							
promotion	16.0 KiB							
> world								

Order_promotion_log

Database filterTable filter★

Host: 127.0.0.1Database: vggTable: order_promotion_logDataQuery*

local

- information_schema
- cdemo
- jobsmart
- mysql
- performance_schema
- sakila
- vgg176.0 KiB
 - order16.0 KiB
 - order_detail48.0 KiB
 - order_promotion...64.0 KiB
 - product32.0 KiB
 - promotion16.0 KiB
- world

vgg.order_promotion_log: 3 rows total (approximately)

id	promotion_id	order_id	order_detail_id	amount	promotion_date
91	1	291	447	200	2014-07-21 02:44:24
132	1	336	529	500	2014-07-21 05:27:42
133	2	336	530	180	2014-07-21 05:27:42