

PRATICE EXERCISE – SHOPPIG CART DB

1. **SELECT** product.title, **GROUP_CONCAT**(category.title **SEPARATOR** ',') **FROM** category **INNER JOIN** product_category **on** category.id=product_category.categoryId **INNER JOIN** product **ON** product_category.productId=product.id **GROUP BY** product.title;

product 1

SELECT product.title, GROUP_CONCAT(category.title SEPARATOR ',') Enter a SQL expression to filter results (use Ctrl+Space)

	ABC title	ABC GROUP_CONCAT(category.title SEPARATOR ',')
1	adidas shoe	track,shoes,t-shirt
2	Being human shirt	jeans
3	levis tshirt	track
4	Nike shoe	shirt
5	woodlend shirt	shoes,t-shirt

2. **SELECT** category.title, **COUNT**(*) **as** TOTAL_CATEGORY_COUNT **FROM** category **INNER JOIN** product_category **on** category.id=product_category.categoryId **INNER JOIN** product **ON** product_category.productId=product.id **GROUP BY** category.title ;

#2 SELECT category.title, COUNT(*) as TOTAL_CATEGORY_COUNT Enter a SQL expression to filter results (use Ctrl+Space)

	ABC title	123 TOTAL_CATEGORY_COUNT
1	jeans	1
2	shirt	1
3	shoes	2
4	t-shirt	2
5	track	2

3. **select** p.title **as** PRODUCT, **group_concat**(pr.title **separator** ', ') **as** PRODUCT_REVIEW, p.sku **as** SKU **from** product_review pr **left join** product p **on** p.id = pr.id **group by** pr.parentId **having** count(*) >= 2 ;

product 1

select p.title as PRODUCT, group_concat(pr.title separator ', ') as PRODUCT_REVIEW, p.sku as SKU Enter a SQL expression to filter results (use Ctrl+Space)

	ABC PRODUCT	ABC PRODUCT_REVIEW	ABC SKU
1	adidas shoe	Adidas shoe is awesome, levis shirt is awesome, Adidas shoe is average	1234SKU5678

4. **SELECT * FROM product p WHERE NOW() BETWEEN p.startAt AND p.endAt ;**

SQL: `SELECT * FROM product p WHERE NOW() BETWEEN p.startAt AND p.endAt ;`

id	userId	title	metaTitle	slug	summary	type	sku	price	discount	quantity
1	1	Being human towel	shoe	http://shoe.com	shoe summary	12	1234SKU5678	1,200	200	50

5. **select p.title ,p.quantity,o.quantity, p.quantity - o.quantity as REMAINING_QUANTITY from product p left join order_item o on o.id = p.id ;**

SQL: `select p.title ,p.quantity,o.quantity, p.quantity - o.quantity as REMAINING_QUANTITY from product p left join order_item o on o.id = p.id ;`

	title	quantity	quantity	REMAINING_QUANTITY
1	adidas shoe	50	2	48
2	woodlend shirt	50	2	48
3	levis tshirt	50	2	48
4	Being human shirt	50	2	48
5	Nike shoe	50	2	48
6	levis shirt	50	2	48
7	levis towel	50	[NULL]	[NULL]
8	Being human towel	50	[NULL]	[NULL]

6. **select o.userId as USER_ID, count(o.userId) as TOTAL_ORDERS,group_concat(o.grandTotal separator "+") as TOTAL_SALE ,o.discount + o.itemDiscount as TOTAL_DISCOUNT FROM `order` o where date(o.createdAt) = curdate() group by o.userId ;**

SQL: `select o.userId as USER_ID, count(o.userId) as TOTAL_ORDERS,group_concat(o.grandTotal separator "+") as TOTAL_SALE ,o.discount + o.itemDiscount as TOTAL_DISCOUNT FROM `order` o where date(o.createdAt) = curdate() group by o.userId ;`

	USER_ID	TOTAL_ORDERS	TOTAL_SALE	TOTAL_DISCOUNT
1	1	1	1500	400
2	2	1	1500	400

7. **select t.title as TAG_TITLE, t.slug as TAG_SLUG, group_concat(p.title separator ", ") as PRODUCT_NAME from tag t Inner Join product_tag pt on pt.tagId = t.id Inner Join product p on p.id = pt.productId group by t.title ;**

tag 1

#7 select t.title as TAG_TITLE, t.slug as TAG_SLUG | Enter a SQL expression to filter results (use Ctrl+Space)

	TAG_TITLE	TAG_SLUG	PRODUCT_NAME
1	shirt tag	<input checked="" type="checkbox"/> https://shirt.com	levis shirt, Being human shirt, woodlend shirt
2	shoe tag	<input checked="" type="checkbox"/> https://shoe.com	Nike shoe, adidas shoe
3	tshirt tag	<input checked="" type="checkbox"/> https://tshirt.com	levis tshirt

8. **select u.firstName, u.lastName,u.registeredAt from `user` u where u.admin = 0 order by registeredAt desc;**

select u.firstName, u.lastName,u.registeredAt fr | Enter a SQL expression to fi

	firstName	lastName	registeredAt
1	akshay	ardeshana	2020-12-27 09:45:56
2	anjali	sharma	2020-12-24 09:45:56