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Ban ghi:
hoadon

The image displays two screenshots of the phpMyAdmin interface, showing a table named 'hoadon' in the 'quanlybanhang_test3' database. The table has columns: maHD, ngayMuaHang, trangThai, and maKH. The first screenshot shows the table with 15 rows. The second screenshot shows the table after inserting a new row, now with 20 rows.

Table Data (from first screenshot):

maHD	ngayMuaHang	trangThai	maKH
1	2016-12-12	Chưa thanh toán	KH001
2	2016-08-20	Đã thanh toán	KH001
3	2017-10-02	Chưa thanh toán	KH001
4	2019-07-06	Đã thanh toán	KH002
5	2016-12-13	Chưa thanh toán	KH003
6	2015-08-21	Đã thanh toán	KH001
7	2016-04-05	Chưa thanh toán	KH010
8	2016-04-05	Đã thanh toán	KH007
9	2016-04-05	Chưa thanh toán	KH005
10	2016-04-05	Đã thanh toán	KH006
11	2013-10-12	Chưa thanh toán	KH011
12	2016-08-12	Đã thanh toán	KH012
13	2016-12-12	Chưa thanh toán	KH001
14	2016-08-20	Đã thanh toán	KH002
15	2017-10-02	Chưa thanh toán	KH001

Table Data (from second screenshot):

maHD	ngayMuaHang	trangThai	maKH
7	2016-04-05	Chưa thanh toán	KH010
8	2016-04-05	Đã thanh toán	KH007
9	2016-04-05	Chưa thanh toán	KH005
10	2016-04-05	Đã thanh toán	KH006
11	2013-10-12	Chưa thanh toán	KH011
12	2016-08-12	Đã thanh toán	KH012
13	2016-12-12	Chưa thanh toán	KH001
14	2016-08-20	Đã thanh toán	KH002
15	2017-10-02	Chưa thanh toán	KH001
16	2012-07-06	Đã thanh toán	KH001
17	2016-10-13	Chưa thanh toán	KH001
18	2014-08-21	Đã thanh toán	KH001
19	2016-04-05	Chưa thanh toán	KH010
20	2013-04-05	Đã thanh toán	KH007

hoadonchitiet

The image displays two sequential screenshots of the phpMyAdmin interface, showing a table named 'hoadonchitiet' in the 'quanythanhang_test3' database. The table has four columns: 'maHDCT', 'soLuong', 'maHD', and 'maSP'. The first screenshot shows the table with 15 rows of data. The second screenshot shows the table with 20 rows of data, indicating a data update.

Table Data (First Screenshot):

maHDCT	soLuong	maHD	maSP
1	60	1	1
2	120	2	2
3	100	3	3
4	100	4	4
5	100	5	5
6	60	6	6
7	100	7	7
8	12	8	8
9	120	9	9
10	60	10	10
11	14	11	11
12	12	12	12
13	60	13	13
14	120	14	14
15	100	15	15

Table Data (Second Screenshot):

maHDCT	soLuong	maHD	maSP
6	60	6	6
7	100	7	7
8	12	8	8
9	120	9	9
10	60	10	10
11	14	11	11
12	12	12	12
13	60	13	13
14	120	14	14
15	100	15	15
16	100	16	16
17	100	17	17
18	60	18	18
19	100	19	19
20	12	20	20

khachhang

The image displays two screenshots of the phpMyAdmin interface, showing a table named 'khachhang' in a database named 'quanytanhang_test'. The table has the following columns: maKH, hoVaTenLot, ten, diachi, email, and dienThoi.

First Screenshot (Rows 1-15):

maKH	hoVaTenLot	ten	diachi	email	dienThoi
KH001	Pham Quang	Linh	An Giang	linhpq@gmail.com	123456789
KH002	Nguyen Van	B	An Giang	bnv@gmail.com	132456789
KH003	Nguyen Van	C	Da Nang	cnv@gmail.com	142356789
KH004	Nguyen Van	D	An Giang	dnv@gmail.com	152346789
KH005	Nguyen Van	E	Cần Thơ	env@gmail.com	162345789
KH006	Nguyen Van	F	Cần Thơ	fnv@gmail.com	172345689
KH007	Nguyen Van	G	Cần Thơ	gnv@gmail.com	182345679
KH008	Nguyen Van	H	Cần Thơ	hnv@gmail.com	192345678
KH009	Nguyen Van	K	Cần Thơ	knv@gmail.com	124356789
KH010	Nguyen Van	L	Đà Nẵng	lnv@gmail.com	125346789
KH011	Nguyen Van	M	An Giang	mnv@gmail.com	126345789
KH012	Nguyen Van	N	An Giang	nnv@gmail.com	127345689
KH013	Nguyen Van	O	An Giang	onv@gmail.com	128345679
KH014	Nguyen Van	P	An Giang	pnv@gmail.com	129345678
KH015	Nguyen Van	Q	Đà Nẵng	qnv@gmail.com	123546789

Second Screenshot (Rows 16-30):

maKH	hoVaTenLot	ten	diachi	email	dienThoi
KH006	Nguyen Van	F	Cần Thơ	fnv@gmail.com	172345689
KH007	Nguyen Van	G	Cần Thơ	gnv@gmail.com	182345679
KH008	Nguyen Van	H	Cần Thơ	hnv@gmail.com	192345678
KH009	Nguyen Van	K	Cần Thơ	knv@gmail.com	124356789
KH010	Nguyen Van	L	Đà Nẵng	lnv@gmail.com	125346789
KH011	Nguyen Van	M	An Giang	mnv@gmail.com	126345789
KH012	Nguyen Van	N	An Giang	nnv@gmail.com	127345689
KH013	Nguyen Van	O	An Giang	onv@gmail.com	128345679
KH014	Nguyen Van	P	An Giang	pnv@gmail.com	129345678
KH015	Nguyen Van	Q	Đà Nẵng	qnv@gmail.com	123546789
KH016	Nguyen Van	R	An Giang	rnv@gmail.com	12645789
KH017	Nguyen Van	S	Cần Thơ	snv@gmail.com	123745689
KH018	Nguyen Van	T	Cần Thơ	tnv@gmail.com	123845679
KH019	Nguyen Van	U	Cần Thơ	unv@gmail.com	123945678
KH020	Nguyen Van	V	Cần Thơ	vnv@gmail.com	123485789

sanpham

The image displays two screenshots of the phpMyAdmin interface, showing a table named 'sanpham' in a database named 'quanlybanhang_test3'. The table contains 15 rows of product data, including columns for 'maSP', 'maTa', 'soLuong', 'donGia', and 'tenSP'. The first screenshot shows the first 15 rows, and the second screenshot shows the last 15 rows of the table.

Table Data (First Screenshot):

maSP	maTa	soLuong	donGia	tenSP
1	NULL	80	25000	iphone 7 32GB
2	NULL	120	250000	iphone 7 32GB
3	NULL	100	225000	iphone 6
4	NULL	100	55000	iphone 7 32GB
5	NULL	100	235000	iphone 7 32GB
6	NULL	80	5000	iphone 6
7	NULL	100	25000	iphone 7 32GB
8	NULL	12	25000	iphone 3
9	NULL	120	20000	iphone 6
10	NULL	80	23000	iphone 4
11	NULL	14	24000	iphone 3
12	NULL	12	25000	iphone 6
13	NULL	80	25000	iphone 7 32GB
14	NULL	120	250000	iphone 7 32GB
15	NULL	100	225000	iphone 6

Table Data (Second Screenshot):

maSP	maTa	soLuong	donGia	tenSP
6	NULL	80	5000	iphone 6
7	NULL	100	25000	iphone 7 32GB
8	NULL	12	25000	iphone 3
9	NULL	120	20000	iphone 6
10	NULL	80	23000	iphone 4
11	NULL	14	24000	iphone 3
12	NULL	12	25000	iphone 6
13	NULL	80	25000	iphone 7 32GB
14	NULL	120	250000	iphone 7 32GB
15	NULL	100	225000	iphone 6
16	NULL	100	55000	iphone 7 32GB
17	NULL	100	235000	iphone 7 32GB
18	NULL	80	5000	iphone 6
19	NULL	100	25000	iphone 7 32GB
20	NULL	12	25000	iphone 3

Bai 1:

```
-- a
SELECT * FROM khachhang;

-- b
SELECT maKH, CONCAT(hoVaTenLot, ' ', ten) AS 'Ho va ten', email,
dienThoai
FROM khachhang LIMIT 10;

-- c
SELECT maSP, tenSP, donGia * soLuong AS 'Tong tien ton kho'
FROM sanpham;

-- d
SELECT maKH, CONCAT(hoVaTenLot, ' ', ten) AS 'Ho va ten', diaChi
FROM khachhang WHERE ten LIKE 'H%';

-- e
SELECT * FROM khachhang
WHERE diaChi = 'Đà Nẵng';

-- f
SELECT * FROM sanpham
WHERE soLuong >= 100 AND soLuong <= 500;

-- g
SELECT * FROM hoadon
WHERE trangThai = 'Chưa thanh toán' AND ngayMuaHang LIKE '2016%';

-- h
SELECT * FROM hoadon
WHERE maKH IN ('KH001', 'KH003', 'KH006');
```

Bai 2:

```
-- a
SELECT COUNT(maKH) AS 'So luong khach hang'
FROM khachhang;

-- b
SELECT MAX(donGia) AS 'Don gia lon nhat'
FROM sanpham;

-- c
SELECT MIN(soLuong) AS 'So luong thap nhat'
FROM sanpham;

-- d
SELECT SUM(soLuong) AS 'Tong so luong san pham'
```

```
FROM sanpham;

-- e
SELECT COUNT(maHD) AS 'Số hóa đơn chưa thanh toán'
FROM hoadon
WHERE ngayMuaHang LIKE '2016-12%' AND trangThai = 'Chưa thanh toán';

-- f
SELECT maHD, soLuong FROM hoadonchitiet;

-- g
SELECT maHD, soLuong
FROM hoadonchitiet
WHERE soLuong >= 5;

-- h
SELECT maHD, ngayMuaHang, maKH
FROM hoadon
GROUP BY ngayMuaHang DESC;
```