

**BÁO CÁO LAB6**

**MÔN CỞ SỞ DỮ LIỆU**

Giảng viên hướng dẫn : ĐẶNG ANH TUẤN

Mã số sinh viên : PS20520

Họ tên sinh viên : NGUYỄN THANH HÀ

Lớp : IT17303\_3

**Bài1 lab6:**

**use** quanlybanhang;

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-- Vui lòng chậy từng cậu một--

-- bai1.a--

**SELECT** hd.Ma\_HD, hd.MA\_KHACHHANG,hd.TRANG\_THAI, hdct.Ma\_SP, hdct.SO\_LUONG, hd.NGAY\_MUAHANG **FROM** HOA\_DON hd **INNER JOIN** HOA\_DON\_CHI\_TIET hdct **ON** hd.Ma\_HD = hdct.MA\_HD;

-- bai1.b--

**SELECT** hd.Ma\_HD,hd.MA\_KHACHHANG,hd.TRANG\_THAI, hdct.Ma\_SP,hdct.SO\_LUONG, hd.NGAY\_MUAHANG

**FROM** HOA\_DON hd **INNER JOIN** HOA\_DON\_CHI\_TIET hdct **ON** hd.Ma\_HD = hdct.MA\_HD AND hd.MA\_KHACHHANG ="KH001";

-- bai1.c--

**SELECT** hd.Ma\_HD,hd.NGAY\_MUAHANG,sp.TEN\_SP, sp.DON\_GIA, hdct.SO\_LUONG,sp.DON\_GIA\*hdct.SO\_LUONG **as** "Thành tiền"

**FROM** SAN\_PHAM sp **INNER JOIN** HOA\_DON\_CHI\_TIET hdct **ON** sp.ma\_SP = hdct.Ma\_SP **INNER JOIN** HOA\_DON hd **ON** hdct.MA\_HD = hd.Ma\_HD ;

-- bai1.d--

**SELECT** **CONCAT**(KH.HO\_VA\_TENLOT,'',KH.TEN)**as** "Họ và tên", KH.EMAIL, KH.DIEN\_THOAI, HD.MA\_HD, HD.TRANG\_THAI, HDCT.SO\_LUONG\*SP.DON\_GIA **AS** "Thành tiền"

**FROM** KHACH\_HANG KH **INNER JOIN** HOA\_DON HD **ON** KH.ma\_KH = HD.MA\_KHACHHANG **INNER JOIN** HOA\_DON\_CHI\_TIET HDCT

**ON** HD.Ma\_HD = HDCT.MA\_HD AND HD.TRANG\_THAI = "Chưa thanh toán" **INNER JOIN** SAN\_PHAM SP **ON** HDCT.Ma\_SP = SP.ma\_SP;

-- bai1.e--

**SELECT** HD.MA\_HD, HD.NGAY\_MUAHANG, HDCT.SO\_LUONG**\***SP.DON\_GIA **AS** "Tổng tiền"

**FROM** HOA\_DON HD **INNER JOIN** HOA\_DON\_CHI\_TIET HDCT **ON** HD.Ma\_HD = HDCT.MA\_HD

**INNER JOIN** SAN\_PHAM SP **ON** HDCT.Ma\_SP = SP.ma\_SP

**AND** HDCT.SO\_LUONG**\***SP.DON\_GIA >=500000 **order by** HDCT.SO\_LUONG**\***SP.DON\_GIA **DESC**;

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**use** quanlybanhang;

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-- bai2lab6.a--

**SELECT** \* FROM KHACH\_HANG KH **WHERE** KH.MA\_KH **NOT** **IN (SELECT** MA\_KHACHHANG **FROM** HOA\_DON HD

**INNER JOIN** KHACH\_HANG KH **ON** HD.MA\_KHACHHANG = KH.ma\_KH **AND** HD.NGAY\_MUAHANG > "2016-01-01");

-- bai2lab6.b--

**SELECT** SP.MA\_SP , SP.TEN\_SP , **COUNT**(HDCT.MA\_SP) **AS** "sỐ LƯỢT MUA" **FROM** SAN\_PHAM SP , HOA\_DON HD, HOA\_DON\_CHI\_TIET HDCT **WHERE**

SP.MA\_SP = HDCT.MA\_SP AND HD.MA\_HD = HDCT.MA\_HD **AND** HD.NGAY\_MUAHANG **between** "2016-12-01" **AND** "2016-12-31" **group by** HDCT.Ma\_SP **HAVING** **COUNT**(HDCT.MA\_SP) >= **ALL**(**SELECT** **COUNT**(HDCT.MA\_SP) **FROM** SAN\_PHAM SP , HOA\_DON HD, HOA\_DON\_CHI\_TIET HDCT **WHERE**

SP.MA\_SP = HDCT.MA\_SP AND HD.MA\_HD = HDCT.MA\_HD **AND** HD.NGAY\_MUAHANG **between** "2016-12-01" **AND** "2016-12-31" **group by** HDCT.MA\_SP);

-- bai2lab6.c--

**SELECT** KH.MA\_KH , **CONCAT**(KH.HO\_VA\_TENlOT,'',KH.TEN) **AS** "HỌ VÀ TÊN " ,HD.MA\_HD, HD.NGAY\_MUAHANG, **SUM**(HDCT.SO\_LUONG**\***SP.DON\_GIA) **AS** "THÀNH TIỀN"

**FROM** KHACH\_HANG KH , HOA\_DON HD, HOA\_DON\_CHI\_TIET HDCT , SAN\_PHAM SP

**WHERE** SP.MA\_SP = HDCT.MA\_SP **AND** HD.MA\_HD = HDCT.MA\_HD **AND** HD.MA\_KHACHHANG = KH.MA\_KH **AND** HD.NGAY\_MUAHANG **BETWEEN** "2016-01-01" **AND** "2016-12-31"**group by** HD.MA\_KHACHHANG **limit** 5;

-- bai2lab6.d--

**SELECT** \* **FROM** KHACH\_HANG KH **WHERE** KH.DIA\_CHI **like** "%Đà Nẵng%" **and** KH.MA\_KH = (**SELECT** HD.MA\_KHACHHANG **FROM** HOA\_DON HD, SAN\_PHAM SP , HOA\_DON\_CHI\_TIET HDCT

**WHERE** SP.MA\_SP = HDCT.MA\_SP AND HD.MA\_HD = HDCT.MA\_HD AND HD.MA\_KHACHHANG = KH.MA\_KH AND SP.TEN\_SP = "Iphone 7 32 GB" **and** HD.NGAY\_MUAHANG **BETWEEN** "2016-12-01" **AND** "2016-12-31" ) ;

-- bai2lab6.e--

**SELECT** SP.MA\_SP , SP.TEN\_SP **FROM** HOA\_DON\_CHI\_TIET HDCT,SAN\_PHAM SP , HOA\_DON HD **WHERE** SP.MA\_SP = HDCT.MA\_SP **AND** HD.MA\_HD = HDCT.MA\_HD

**GROUP BY** SP.MA\_SP **HAVING** **COUNT**(HDCT.MA\_SP) <= **ALL**(**SELECT** **COUNT**(HDCT.MA\_SP) **FROM** HOA\_DON\_CHI\_TIET HDCT,SAN\_PHAM SP , HOA\_DON HD **WHERE** SP.MA\_SP = HDCT.MA\_SP **AND** HD.MA\_HD = HDCT.MA\_HD

**GROUP BY** SP.MA\_SP );