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Lớp:CNPM2

MSSV:0950080060

--Câu 1

SELECT Hangsx.tenhang, COUNT(SanPham.masp) AS SoLuongSanPham

FROM Hangsx

LEFT JOIN SanPham ON Hangsx.mahangsx = SanPham.mahangsx

GROUP BY Hangsx.tenhang

--Câu 2

SELECT SanPham.tensp, SUM(Nhap.soluongN \* Nhap.dongiaN) AS TongTienNhap

FROM SanPham

INNER JOIN Nhap ON SanPham.masp = Nhap.masp

WHERE YEAR(Nhap.ngaynhap) = 2018

GROUP BY SanPham.tensp

ORDER BY TongTienNhap DESC

--Câu3

SELECT SanPham.masp, SanPham.tensp, SUM(Xuat.soluongX) AS TongSoLuongXuat

FROM SanPham

INNER JOIN Xuat ON SanPham.masp = Xuat.masp

INNER JOIN Hangsx ON SanPham.mahangsx = Hangsx.mahangsx

WHERE YEAR(Xuat.ngayxuat) = 2018 AND Hangsx.tenhang = 'Samsung'

GROUP BY SanPham.masp, SanPham.tensp

HAVING SUM(Xuat.soluongX) > 10000

ORDER BY TongSoLuongXuat DESC

--Câu 4

SELECT phong, COUNT(\*) AS soluong\_nam

FROM NhanVien

WHERE gioitinh = N'Nam'

GROUP BY phong

--Câu 5

SELECT Hangsx.tenhang, SUM(Nhap.soluongN) AS tong\_soluong\_nhap

FROM Hangsx JOIN SanPham ON Hangsx.mahangsx = SanPham.mahangsx

JOIN Nhap ON SanPham.masp = Nhap.masp

WHERE YEAR(Nhap.ngaynhap) = 2018

GROUP BY Hangsx.tenhang

--Câu 6

SELECT Nhanvien.manv, tennv, SUM(soluongX \* giaban) AS tong\_tien\_xuat

FROM Xuat

JOIN SanPham ON Xuat.masp = SanPham.masp

JOIN NhanVien ON Xuat.manv = NhanVien.manv

WHERE YEAR(ngayxuat) = 2018

GROUP BY Nhanvien.manv, tennv

--Câu 7

SELECT manv, SUM(soluongN\*dongiaN) as TongTienNhap

FROM Nhap

WHERE MONTH(ngaynhap) = 8 AND YEAR(ngaynhap) = 2018

GROUP BY manv

HAVING SUM(soluongN\*dongiaN) > 100000

--Câu 8

SELECT \*

FROM SanPham

WHERE masp NOT IN (

SELECT masp

FROM Xuat

)

--Câu 9

SELECT sp.\*

FROM SanPham sp

INNER JOIN Xuat hd ON sp.masp = hd.masp

WHERE YEAR(sp.mota) = 2018 AND YEAR(hd.ngayxuat) = 2018

--Câu 10

SELECT DISTINCT manv, tennv

FROM (

SELECT manv, tennv, 'Nhap' AS HoatDong

FROM Nhap

JOIN NhanVien ON Nhap.manv = NhanVien.manv

UNION

SELECT manv, tennv, 'Xuat' AS HoatDong

FROM Xuat

JOIN NhanVien ON Xuat.manv = NhanVien.manv

) AS HoatDongNhanVien

ORDER BY manv

--Câu 11

SELECT nv.manv, nv.tennv, nv.phong

FROM Nhanvien nv

LEFT JOIN Nhap n ON nv.manv = n.manv

LEFT JOIN Xuat x ON nv.manv = x.manv

WHERE n.manv IS NULL AND x.manv IS NULL