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Lớp:CNPM02  
MSSV:0950080060

--Câu 1

select \* from Hangsx;

select \* from Nhanvien;

select \* from Nhap;

select \* from SanPham;

select \* from Xuat;

--Câu 2

SELECT sp.masp, sp.tensp, hs.tenhang, sp.soluong, sp.mausac, sp.giaban, sp.donvitinh, sp.mota

FROM Sanpham sp

JOIN Hangsx hs ON sp.mahangsx = hs.mahangsx;

--câu 3

SELECT masp, tensp, tenhang, soluong, mausac, giaban, donvitinh, mota

FROM Sanpham

INNER JOIN Hangsx ON Sanpham.mahangsx = Hangsx.mahangsx

WHERE Hangsx.tenhang = 'Samsung' AND soluong > 0;

--Câu 4

SELECT \* FROM Nhanvien

WHERE gioitinh = N'Nữ' AND phong = N'Kế toán';

--Câu 5

SELECT np.sohdn, sp.masp,

sp.tensp, hsx.tenhang,

np.soluongN, np.dongiaN,

np.soluongN \* np.dongiaN as tiennhap,

sp.mausac, sp.donvitinh, np.ngaynhap,

nv.tennv, nv.phong

FROM Nhap np

INNER JOIN Sanpham sp ON np.masp = sp.masp

INNER JOIN Hangsx hsx ON sp.mahangsx = hsx.mahangsx

INNER JOIN Nhanvien nv ON np.manv = nv.manv

ORDER BY tiennhap ASC;

--Câu 6

SELECT hdx.sohdx, sp.masp, sp.tensp, hsx.tenhang, hdx.soluongX, sp.giaban, (hdx.soluongX \* sp.giaban) as tienxuat, sp.mausac, sp.donvitinh, hdx.ngayxuat, nv.tennv, nv.phong

FROM Xuat hdx

INNER JOIN SanPham sp ON hdx.masp = sp.masp

INNER JOIN Hangsx hsx ON sp.mahangsx = hsx.mahangsx

INNER JOIN NhanVien nv ON hdx.manv = nv.manv

WHERE MONTH(hdx.ngayxuat) = 10 AND YEAR(hdx.ngayxuat) = 2018

ORDER BY hdx.ngayxuat ASC;

--Câu 7

SELECT N.sohdn, N.masp, S.tensp, N.soluongN, N.dongiaN, N.ngaynhap, NV.tennv, NV.phong

FROM Nhap N

JOIN Sanpham S ON N.masp = S.masp

JOIN Nhanvien NV ON N.manv = NV.manv

JOIN Hangsx H ON S.mahangsx = H.mahangsx

WHERE YEAR(N.ngaynhap) = 2017 AND H.tenhang = 'Samsung';

--Câu 8

SELECT TOP 10 Xuat.sohdx, SanPham.tensp, Xuat.soluongX

FROM Xuat

INNER JOIN SanPham ON Xuat.masp = SanPham.masp

WHERE YEAR(Xuat.ngayxuat) = 2020

ORDER BY Xuat.soluongX DESC;

--Câu 9

SELECT TOP 10 SanPham.masp, SanPham.tensp, SanPham.giaban

FROM SanPham

ORDER BY SanPham.giaban DESC;

--Câu 10

SELECT Sanpham.masp, Sanpham.tensp, Sanpham.giaban, Sanpham.donvitinh, Hangsx.tenhang

FROM Sanpham

INNER JOIN Hangsx ON Sanpham.mahangsx = Hangsx.mahangsx

WHERE Hangsx.tenhang = 'Samsung' AND Sanpham.giaban >= 100000 AND Sanpham.giaban <= 500000;

--Câu 11

SELECT SUM(Nhap.soluongN \* SanPham.giaban) AS TongTienNhap

FROM Nhap

JOIN SanPham ON Nhap.masp = SanPham.masp

JOIN Hangsx ON SanPham.mahangsx = Hangsx.mahangsx

WHERE Hangsx.tenhang = 'Samsung' AND YEAR(Nhap.ngaynhap) = 2018;

--Câu 12

SELECT SUM(Xuat.soluongX \* SanPham.giaban) AS TongTienXuat

FROM Xuat

JOIN SanPham ON Xuat.masp = SanPham.masp

WHERE Xuat.ngayxuat = '2018-09-02'

--Câu 13

SELECT top 1 sohdn, ngaynhap

FROM Nhap

WHERE YEAR(ngaynhap) = 2018

ORDER BY soluongN \* dongiaN DESC

--Câu 14

SELECT TOP 10 SanPham.tensp, SUM(Nhap.soluongN) AS TongSoLuongNhap

FROM Nhap

JOIN SanPham ON Nhap.masp = SanPham.masp

WHERE YEAR(Nhap.ngaynhap) = 2019

GROUP BY SanPham.tensp

ORDER BY SUM(Nhap.soluongN) DESC

--Câu 15

SELECT SanPham.masp, SanPham.tensp

FROM Nhap

JOIN SanPham ON Nhap.masp = SanPham.masp

JOIN Hangsx ON SanPham.mahangsx = Hangsx.mahangsx

JOIN NhanVien ON Nhap.manv = NhanVien.manv

WHERE Hangsx.tenhang = 'Samsung' AND NhanVien.manv = 'NV01'

--Câu 16

SELECT Nhap.sohdn, Nhap.masp, Nhap.soluongN, Nhap.ngaynhap

FROM Nhap

JOIN Xuat ON Nhap.masp = Xuat.masp AND Nhap.sohdn = Xuat.sohdx

WHERE Nhap.masp = 'SP02' AND Xuat.manv = 'NV02';

--Câu 17

SELECT Nhanvien.manv, Nhanvien.tennv

FROM Nhanvien

JOIN Xuat ON Nhanvien.manv = Xuat.manv

WHERE Xuat.masp = 'SP02' AND Xuat.ngayxuat = '2020-03-02';