

Đào Minh Quân – N04 – 221230966

Câu 8 hàm

SQL:

```
--Cau8 hàm
CREATE FUNCTION SoLuongTon (@MaSach nvarchar(10))
RETURNS INT
AS
BEGIN
    DECLARE @SoLuongNhap INT
    DECLARE @SoLuongBan INT
    DECLARE @SoLuongTon INT
    SELECT @SoLuongNhap = ISNULL(SUM(SLNhap), 0) FROM tChiTietHDN
    WHERE MaSach = @MaSach
    SELECT @SoLuongBan = ISNULL(SUM(SLBan), 0)
    FROM tChiTietHDB
    WHERE MaSach = @MaSach
    SET @SoLuongTon = @SoLuongNhap - @SoLuongBan
    RETURN @SoLuongTon
END

SELECT dbo.SoLuongTon('S01') AS SoLuongTon
```

KQ:

	SoLuongTon
1	8

Câu 9 hàm

SQL:

```
CREATE FUNCTION Thongtinsach(@MaLoai nvarchar(10))
RETURNS TABLE
AS
RETURN
(
    SELECT
        s.MaSach,
        s.TenSach,
        ISNULL(SUM(n.SLNhap), 0) AS SoLuongNhap,
        ISNULL(SUM(b.SLBan), 0) AS SoLuongBan
    FROM tSach s
    LEFT JOIN tChiTietHDN n ON s.MaSach = n.MaSach
    LEFT JOIN tChiTietHDB b ON s.MaSach = b.MaSach
)
```

```

WHERE s.MaTheLoai = @MaLoai
GROUP BY s.MaSach, s.TenSach
)

```

```

SELECT * FROM Thongtinsach ('TL06')

```

KQ:

	MaSach	TenSach	SoLuongNhap	SoLuongBan
1	S03	Trốn chạy và yêu thương	60	12
2	S04	Anh sẽ yêu em mãi mãi	0	15

Câu 11 thủ tục

SQL:

```

CREATE PROCEDURE ThongKeHoaDonKhachHang
(
    @MaKH NVARCHAR(50),
    @Nam INT
)
AS
BEGIN
    DECLARE @SoLuongHoaDon INT;
    DECLARE @TongTien DECIMAL(18, 2)

    SELECT @SoLuongHoaDon = COUNT(*)
    FROM tHoaDonBan
    WHERE MaKH = @MaKH AND YEAR(NgayBan) = @Nam

    SELECT @TongTien = ISNULL(SUM(ct.SLBan * s.DonGiaBan * (1 -
    ISNULL(ct.KhuyenMai, 0))), 0)
    FROM tHoaDonBan hdb
    JOIN tChiTietHDB ct ON hdb.SoHDB = ct.SoHDB
    JOIN tSach s ON ct.MaSach = s.MaSach
    WHERE hdb.MaKH = @MaKH AND YEAR(hdb.NgayBan) = @Nam
    SELECT @SoLuongHoaDon AS SoLuongHoaDon, @TongTien AS
    TongTienDaTieu;
END

```

```

EXEC ThongKeHoaDonKhachHang @MaKH = 'KH01', @Nam = 2014

```

KQ:

	SoLuongHoaDon	TongTienDaTieu
1	1	1576000.00