Quản lý thư viện

Câu 1

a/
```
Create table Sach (
    MaSach varchar [20] notnull,
    Tensach nvarchar [50] not null,
    soluong smallint not null,
    TacGia nvarchar [50] not null,
    NXB nvarchar [50] not null,
    constraint pk_sach primal key (MaSach),
    default N'NXB Tre" for NXB,
    check (soluong > 0)
)
```

b/
```
Create table CTPM (
    MaPM varchar [10] not null,
    MaSach varchar [20] not null,
    NgayTra small date time not null,
    Constraint pk_CTPM primal key (MaPM, MaSach),
    constraint fk_CTPM_phieumuon foreign key (MaPM)
            references Phieumuon (MaPM),
    constraint fk_CTPM_Sach foreign key (MaSach)
            references Sach (MaSach),
    default GETDATE() for NgayTra
)
```

c/

```
Alter table CTPM drop fk_CTPM_Phieu muon
```

d/

```
Alter table Doagia add constraint chk_ngaysinh
        Check (year (getdate()) - year (ngaysinh)) > 18)
```

Câu 2.

a/

```sql
insert into (MaSach, TenSach, soluong, TacGia, NXB)
values ('STO2', N'TOÁN 3', 17, N'Quang', N'kim đầy)
```

b/

```sql
update Sach
set soluong =
case
    when soluong + 10 > 30 then 30
    else soluong + 10
end
```

c/

```sql
delete from DocGia
where (year(ngaylapthe) > 5)
```

Câu 1

a/

```sql
Create DUAN (
    maDA       varchar [30] not null,
    tenDA      nvarchar [70] not null,
    truong DA  nvarchar [70] not null,
    kinh phi   int not null,
    dia_diem   nvarchar [70] not null,
    constraint pk_DUAN primal key (maDA),
    unique (ten DA),
    constraint chk_kinhphi check (kinhPhi > 1000),
    constraint fk_truong DA foreign key (tenNV)
              references NhanVien (tenNV)
)
```

b/

```sql
Create table PHANCONG
    maDA      varchar [30] not null,
    maNV      varchar [30] not null,
    ngayBD    small date time not null,
    ngayKT    small date time not null,
    constraint pk_phancong primal key (maDA, maNV)
    default getdatetime () for ngayBD,
    constraint fk_1 foreign key (maDA) references
              DUAN (maDA),
    constraint fk_2 foreign key (maNV) references
              NhanVien (maNV)
```

c/

alter table PhanCong drop fk_1

d/

alter table phancong add check (ngayBD < ngaykT)

Câu 2:

a/

insert into DUAN (maDA, tenDA, ngayDA, kinhPhi, Diadlen

values ('B2BF', N'Tàu lượn 3', N'Thuận', 3000, N

, N'Sóc Trăng')

b/

update DUAN

Set kinh Phi =

Case

when maDA * like 'QA' and kinh Phi >= 100000 000   +30.000000

then * 100000 000

when maDA like 'QA' and kinh phi < 100000000   +30.000000

then kinh phi + 30 000 000

end

c/

delete from phanCong, DuAN

where (yphanCong.ngay kết thúc) < 2000)