



Etudiant (id\_et, nom, prenom, email, mdp)

Exempleaire (id\_ex, id\_liv)

Emprunt (id\_ex, id\_et, date\_emp, date\_retour)

Reserv (id\_liv, id\_et, date\_res, date\_fin\_res)

Livre (id\_liv, auteur, titre)

```
create table ETUDIANT
(
    id_et    int generated as identity primary key,
    nom      varchar(50) not null,
    prenom   varchar(50) not null,
    mdp      varchar(50) not null,
    email    varchar(50) not null UNIQUE
)
/
create table LIVRE
(
    id_liv    int generated as identity primary key,
    auteur    varchar(50) not null,
    titre     varchar(200) not null,
    genre     varchar(50) not null,
    categorie varchar(50) not null
)
/
create table EXEMPLAIRE
(
    id_ex    int generated as identity PRIMARY KEY,
    id_liv   int not null,
    foreign key (id_liv) references LIVRE (id_liv)
)
/
create table EMPRUNT
(
    date_emp    date not null,
    date_retour date not null,
    id_ex       int not null UNIQUE,
    id_et       int not null,
    foreign key (id_et) references ETUDIANT (id_et),
    foreign key (id_ex) references EXEMPLAIRE(id_ex)
)
/
create table RESERVATION
(
    date_res    date not null,
    date_fin_res date not null,
    id_liv      int not null UNIQUE,
    id_et       int not null,
    foreign key (id_et) references ETUDIANT (id_et),
    foreign key (id_liv) references LIVRE (id_liv)
)
/
```