

```
create database Netflix;
```

```
create table user(  
    id int primary key,  
    username varchar(15) not null ,  
    email varchar(20) unique not null ,  
    password varchar(15)not null ,  
    country varchar(15) not null ,  
    created_at datetime default CURRENT_TIMESTAMP  
);
```

```
create table movie (  
    id int primary key ,  
    title varchar(10) not null ,  
    content varchar(10) not null ,  
    release_date datetime default CURRENT_TIMESTAMP,  
    type varchar(10) not null ,  
    rating decimal(3,2) check ( rating>=1 or rating<=5)  
);
```

```
create table video(  
    id int primary key ,  
    video_url varchar(20) not null ,  
    resolution varchar(20) not null ,  
    file_size_mb decimal(10,2) not null ,  
    language varchar(20) default 'English',  
    subtitles_available boolean default FALSE,  
    quality ENUM('SD', 'HD', 'Full HD', '4K') not null ,  
    upload_date datetime default CURRENT_TIMESTAMP  
  
);
```

```
create table episode(  
    id int primary key ,  
    season_number int not null ,  
    episode_number int not null ,  
    title varchar(15) not null ,  
    duration_minutes decimal(5,2) not null ,  
    release_date datetime default CURRENT_TIMESTAMP,  
    movie_id int ,  
    video_id int,  
    foreign key (movie_id) references movie (id),  
    foreign key (video_id) references video(id)  
  
);
```

```
create table review (
```

```
id int primary key ,
rating decimal(3,2) check ( rating>=1 or rating<=5),
reviews_text varchar(30) not null ,
reviewed_at datetime default CURRENT_TIMESTAMP ,
movie_id int ,
foreign key (movie_id) references movie(id)
);
```

```
create table subscription(
id int primary key ,
status ENUM('Active', 'Inactive') default 'Active',
start_date date not null ,
end_date date not null ,
amount DECIMAL(5, 2) not null,
user_id int ,
foreign key (user_id) references user(id)
);
```

```
create table watchlist(
id int primary key ,
user_id int ,
foreign key (user_id) references user(id)
);
```

```
insert into user (id, username, email, password, country)
values ('1','raghad','raghead@gmail.com','12345','saudi arabia');
insert into user(id, username, email, password, country)
values ('2','Fahad','fahad@gmail.com','12345','saudi arabia');
insert into user(id, username, email, password, country)
values('3','Sara','sara@gmail.com','1222','Saudi arabia');
insert into user (id, username, email, password, country)
values ('4','lama','lama@gmail.com','009988','saudi arabia');
```

```
insert into subscription (id,status, start_date, end_date, amount, user_id)
values ('1','Active', '2024-10-02','2024-12-02',120.0,'1');
insert into subscription (id,status ,start_date, end_date, amount, user_id)
values ('2','Active','2024-11-15','2025-11-15',200.0,'2');
insert into subscription(id,status ,start_date, end_date, amount, user_id)
values ('3','Inactive','2022-12-10','2023-12-10',200,'3');
insert into subscription(id,status ,start_date, end_date, amount, user_id)
values ('4','Inactive','2022-05-06','2022-08-06',150.0,'4');
```

```
insert into movie(id, title, content, type, rating)
values ('11','luca','actin','action','4.5');
```

```
insert into movie (id, title, content, type, rating)
values ('2','Zoo','action','action','3.70');
```

```
insert into video (id, video_url, resolution, file_size_mb, quality)
values ('124','urllllll','1920x1080','2000','HD');
insert into video(id, video_url, resolution, file_size_mb, language, subtitles_available,
quality)
values ('222','hhhhhh','1920x1080','4000','Arabic',true,'SD');
```

```
insert into episode(id, season_number, episode_number, title, duration_minutes, movie_id,
video_id)
values ('1',1,1,'episode 1',90,'11','124');
insert into episode(id, season_number, episode_number, title, duration_minutes, movie_id,
video_id)
values ('2','1','1','zoo episode 2',120,'2','222');
```

```
insert into review (id, rating, reviews_text, movie_id)
values ('1',4.50,'very good','11');
insert into review(id, rating, reviews_text, movie_id)
values ('2',5.0,'Great','11');
insert into review (id, rating, reviews_text, movie_id)
values ('3',3.70,'OK not bad','2');
insert into review (id, rating, reviews_text, movie_id)
values ('4',4.0,'Ok','2');
```

```
insert into watchlist(id, user_id)
values ('1','1');
insert into watchlist(id, user_id)
values ('2','2');
```

```
SHOW CREATE TABLE subscription;
```

```
ALTER TABLE subscription
DROP FOREIGN KEY subscription_ibfk_1;
```

```
ALTER TABLE subscription
ADD CONSTRAINT fk_user_subscription
FOREIGN KEY (user_id) REFERENCES user(id)
ON DELETE CASCADE;
```

```
update movie set title='Encanto' WHERE id ='11';
```

```
update user set email='sara123@gmail.com' where id='3';
```

```
delete from user where id='4';
```