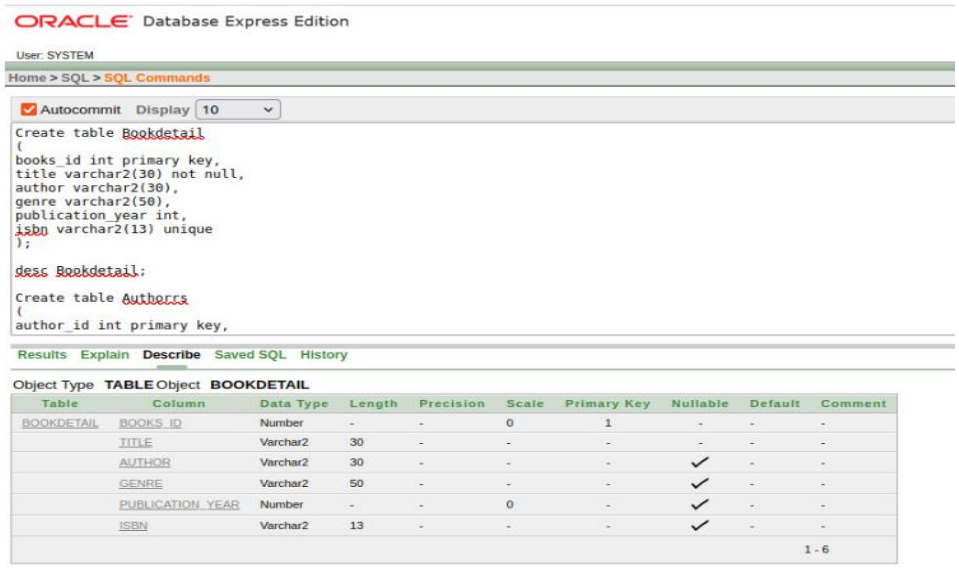
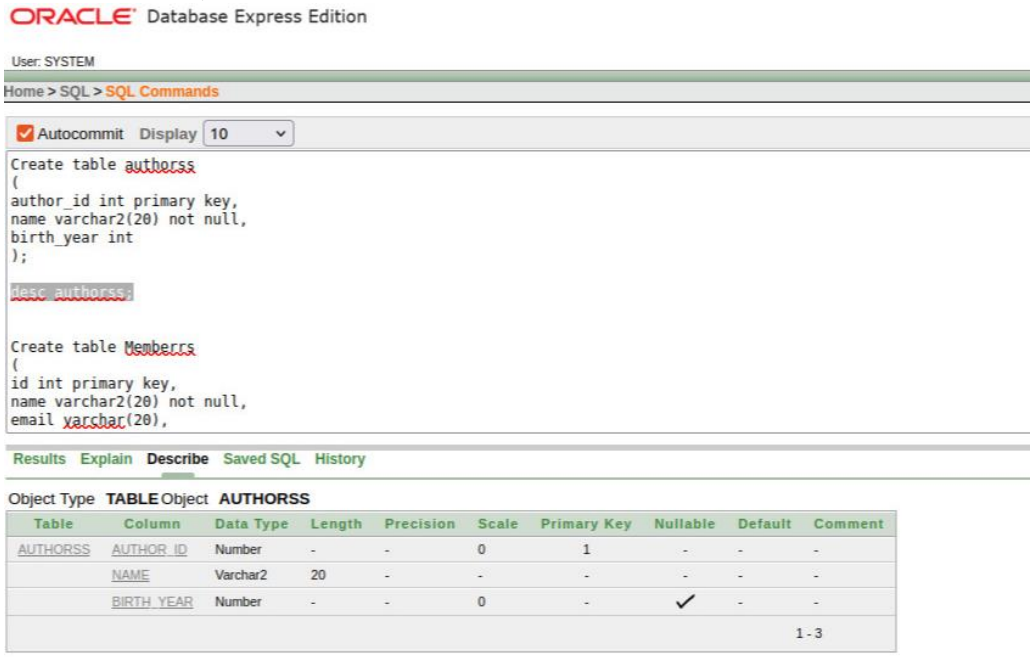
# Assignment-3

**Assignment 3: Write SQL statements to CREATE a new database and tables that reflect the library schema you designed earlier. Use ALTER statements to modify the table structures and DROP statements to remove a redundant table.**

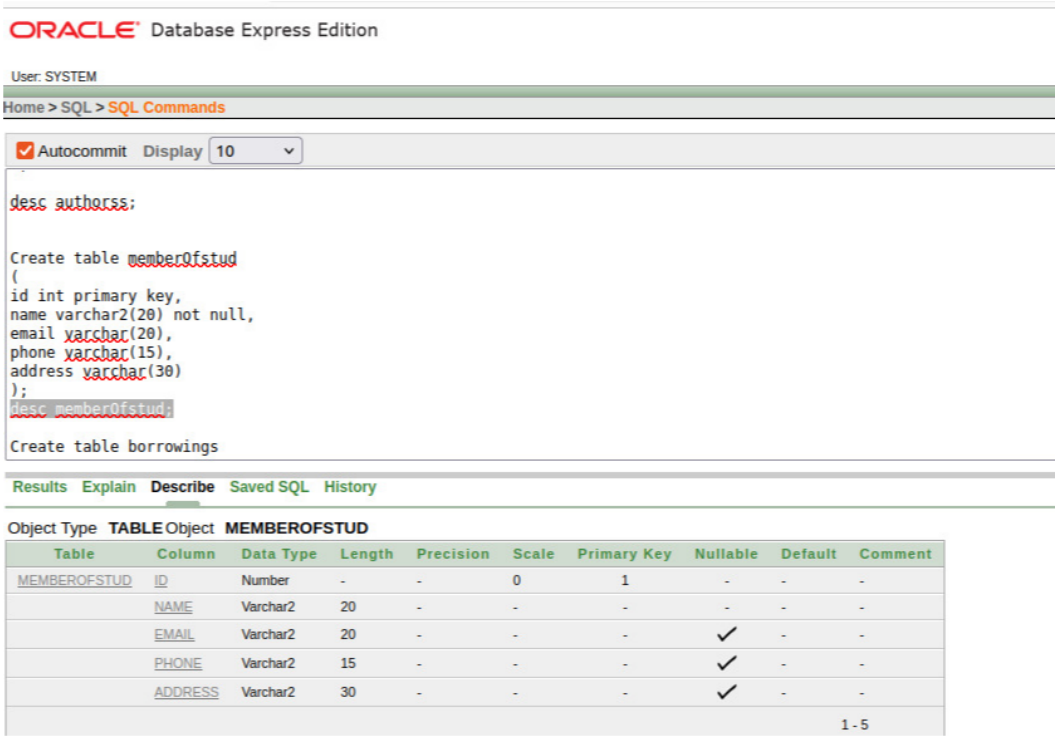
```
Create table Bookdetail
(
books_id int primary key,
title varchar2(30) not null,
author varchar2(30),
genre varchar2(50),
publication_year int,
isbn varchar2(13) unique
);
desc Bookdetail;
```



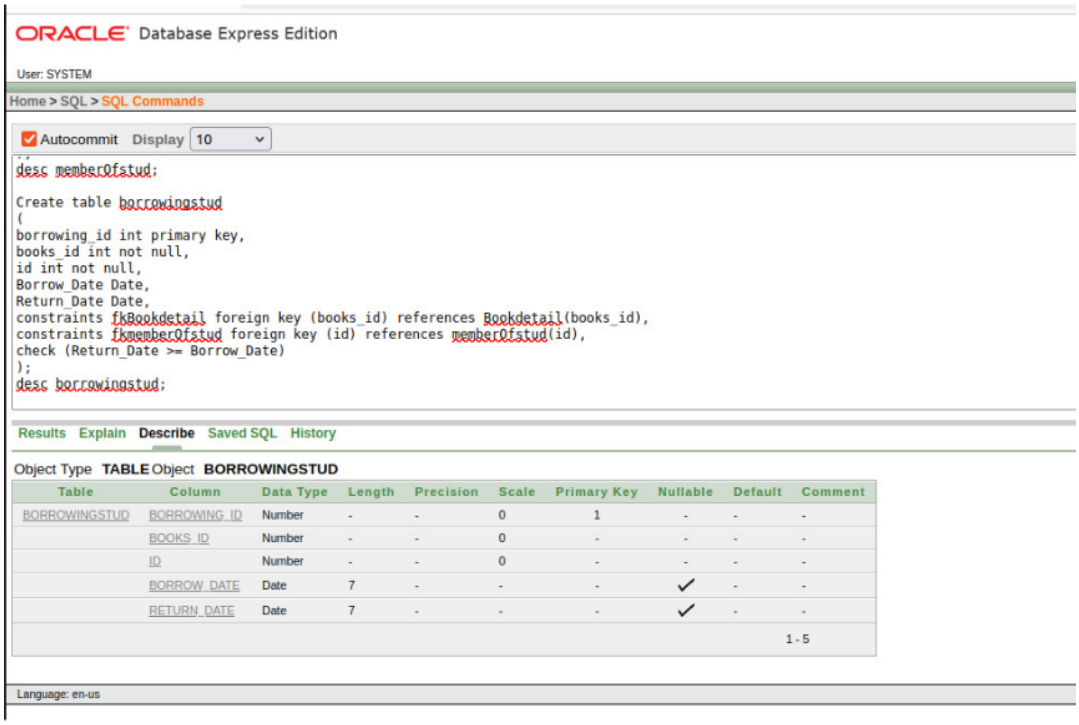
```
Create table authorss
(
author_id int primary key,
name varchar2(20) not null,
birth_year int
);

desc authorss;
```



```
Create table memberOfstud
(
id int primary key,
name varchar2(20) not null,
email varchar(20),
phone varchar(15),
address varchar(30)
);
desc memberOfstud;
```



```
Create table borrowingstud
(
borrowing_id int primary key,
books_id int not null,
id int not null,
Borrow_Date Date,
Return_Date Date,
constraints fkBookdetail foreign key (books_id) references Bookdetail(books_id),
constraints fkmemberOfstud foreign key (id) references memberOfstud(id),
check (Return_Date >= Borrow_Date)
);
desc borrowingstud;
```



alter table Bookdetail
add author_id int;

drop table authorss;