**EXPERIMENT 3**

**DDL statements**

create table LANGUAGE (

Language\_Id int,

Name varchar(50),

PRIMARY KEY(Language\_Id)

);

create table PUBLISHER (

Publisher\_Id int,

Name varchar(50),

Address varchar(50),

PRIMARY KEY(Publisher\_Id)

);

create table BOOK (

Book\_Id int,

Title varchar(50),

Language\_Id int,

MRP int,

Publisher\_Id int,

Published\_Date varchar(10),

Volume int,

Status varchar(50),

PRIMARY KEY(Book\_Id),

FOREIGN KEY(Language\_Id) REFERENCES LANGUAGE(Language\_Id),

FOREIGN KEY(Publisher\_Id) REFERENCES PUBLISHER(Publisher\_Id)

);

create table AUTHOR (

Author\_Id int,

Name varchar(50),

Email varchar(50),

Phone\_Number int,

Status varchar(50),

PRIMARY KEY(Author\_Id)

);

create table BOOK\_AUTHOR (

Book\_Id int,

Author\_Id int,

FOREIGN KEY(Book\_Id) REFERENCES BOOK(Book\_Id),

FOREIGN KEY(Author\_Id) REFERENCES AUTHOR(Author\_Id)

);

create table MEMBER (

Member\_Id int,

Name varchar(50),

Branch\_Code varchar(50),

Roll\_Number int,

Phone\_Number int,

Email\_Id varchar(50),

Date\_of\_Join varchar(50),

Status varchar(50),

PRIMARY KEY(Member\_Id)

);

create table BOOK\_ISSUE (

Issue\_Id int,

Date\_Of\_Issue varchar(50),

Book\_Id int,

Member\_Id int,

Expected\_Date\_Of\_Return varchar(50),

Status varchar(50),

PRIMARY KEY(Issue\_Id),

FOREIGN KEY(Book\_Id) REFERENCES BOOK(Book\_Id),

FOREIGN KEY(Member\_Id) REFERENCES MEMBER(Member\_Id)

);

create table BOOK\_RETURN (

Issue\_Id int,

Actual\_Date\_Of\_Return varchar(50),

LateDays int,

LateFee int,

PRIMARY KEY(Issue\_Id),

FOREIGN KEY(Issue\_Id) REFERENCES BOOK\_ISSUE(Issue\_Id)

);

create table LATE\_FEE\_RULE (

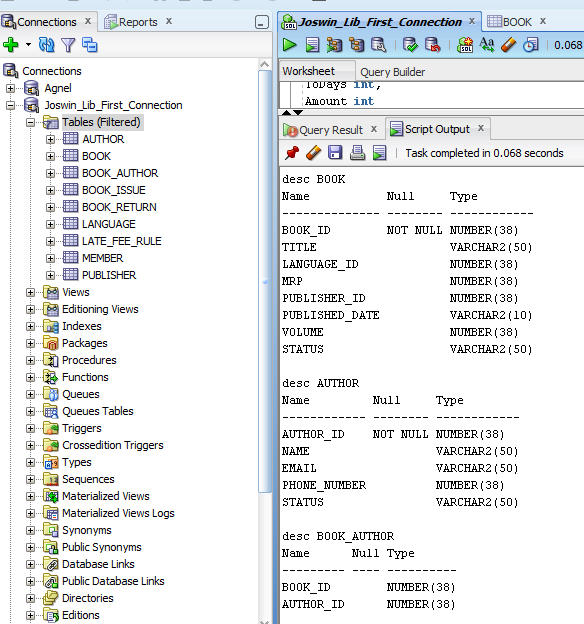
FromDays int,

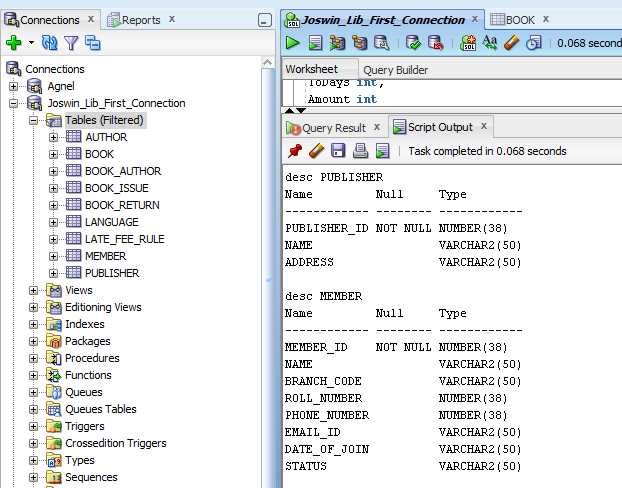
ToDays int,

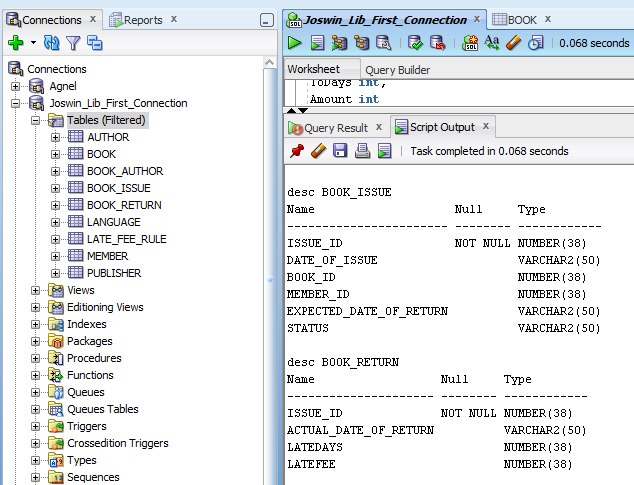
Amount int

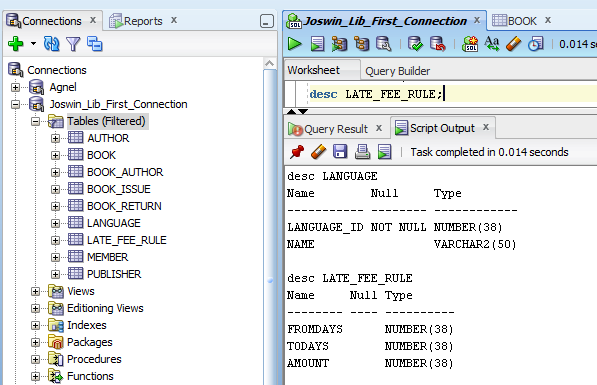
);

**Schema**

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