DBMS LAB TASK-3

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19BCS098

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ASSIGNMENT-3

1) a)

```
ALTER TABLE MOVIES
ADD(
    Raitings int NOT NULL
)
```

Results   Explain   Describe   Saved SQL   History

Table altered.

0.19 seconds

b)

Home > SQL > **SQL Commands**

☑ Autocommit   Display 10

```
ALTER TABLE MOVIES
MODIFY(
    PRIMARY KEY(MoviesID)
)
```
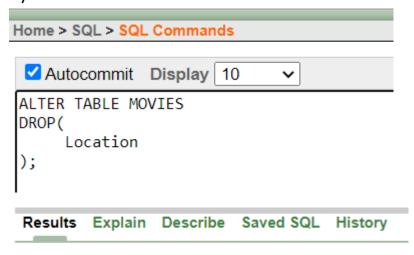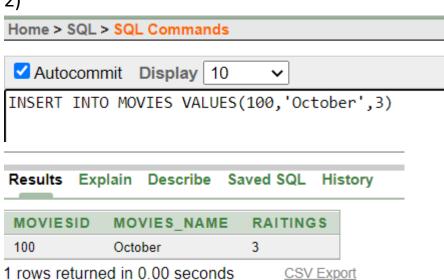
Table altered.

0.25 seconds

C) DELETE

☑ Autocommit   Display 10 ⌄

```
ALTER TABLE MOVIES
DROP(
     Location
);
```

Table altered.

0.50 seconds

2)

☑ Autocommit   Display 10 ⌄

```
INSERT INTO MOVIES VALUES(100,'October',3)
```

MOVIESID	MOVIES_NAME	RAITINGS
100	October	3

1 rows returned in 0.00 seconds   CSV Export

☑ Autocommit Display [10 ▼]

```
INSERT ALL
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (101,'Phir Hera Pheri',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES(102,'Fuckrey',4)
SELECT * FROM dual;
```

Results Explain Describe Saved SQL History

2 row(s) inserted.

0.03 seconds

Results Explain Describe Saved SQL History

MOVIESID	MOVIES_NAME	RAITINGS
100	October	3
101	Phir Hera Pheri	5
102	Fuckrey	4

3 rows returned in 0.02 seconds   CSV Export

User: AMAN

☑ Autocommit Display [20 ▼]

```
INSERT ALL
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (103,'Shawshank Redumption',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (104,'Fuckrey 2',4)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (105,'Kal hona ho',4)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (106,'OMG',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (107,'Sadak 2',1)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (108,'Delhi Belli',2)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (109,'White Tiger',4)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (110,'Kabir Singh',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (111,'Avengers',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (112,'Avengers-Infinity War',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (113,'Rockstar',3)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (114,'Sholay',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (115,'Inception',5)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (116,'Housefull 4',2)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (117,'Star Wars',4)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (118,'Godzilla',4)
INTO MOVIES (MoviesID,Movies_name,Raitings)VALUES (119,'Bazzar',4)
SELECT * FROM dual;
```

MOVIESID	MOVIES_NAME	RAITINGS
100	October	3
101	Phir Hera Pheri	5
102	Fuckrey	4
103	Shawshank Redumption	5
104	Fuckrey 2	4
105	Kal hona ho	4
106	OMG	5
107	Sadak 2	1
108	Delhi Belli	2
109	White Tiger	4
110	Kabir Singh	5
111	Avengers	5
112	Avengers-Infinity War	5
113	Rockstar	3
114	Sholay	5
115	Inception	5
116	Housefull 4	2
117	Star Wars	4
118	Godzilla	4
119	Bazzar	4

20 rows returned in 0.00 seconds   CSV Export

3)

Home > SQL > **SQL Commands**

☑ Autocommit Display 20

```
INSERT INTO MOVIES VALUES(100,'ROBOT',3)
```

ORA-00001: unique constraint (AMAN.SYS_C004034) violated

0.29 seconds

4)

CREATING A TABLE WITH FOREIGN KEY

User. AMAN

Home > SQL > **SQL Commands**

☑ Autocommit Display 10

```
CREATE TABLE DIRECTOR
(
    MoviesID int,
    Directors varchar(255) NOT NULL,
    PRIMARY KEY (MoviesID),
    FOREIGN KEY (MoviesID) REFERENCES MOVIES(MoviesID)
);
```
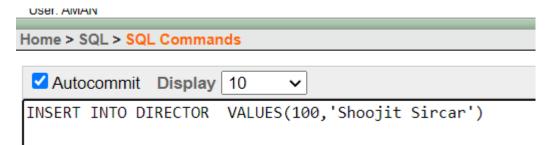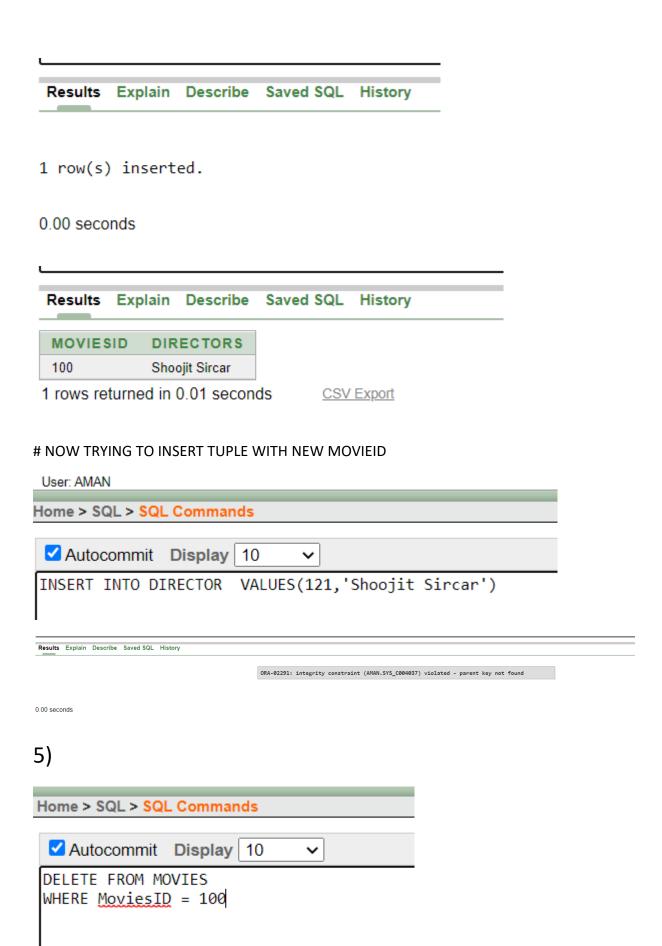
Results Explain Describe Saved SQL History

Table created.

0.26 seconds

Inserting tuple which has the movieid already in MOVIES table

User. AMAN

Home > SQL > **SQL Commands**

☑ Autocommit Display 10

```
INSERT INTO DIRECTOR  VALUES(100,'Shoojit Sircar')
```

Results **Explain** **Describe** **Saved SQL** **History**

1 row(s) inserted.

0.00 seconds

Results **Explain** **Describe** **Saved SQL** **History**

MOVIESID	DIRECTORS
100	Shoojit Sircar

1 rows returned in 0.01 seconds   CSV Export

NOW TRYING TO INSERT TUPLE WITH NEW MOVIEID

User: AMAN

Home > SQL > **SQL Commands**

☑ Autocommit   Display | 10   ∨ |

INSERT INTO DIRECTOR VALUES(121,'Shoojit Sircar')

Results Explain Describe Saved SQL History

ORA-02291: integrity constraint (AMAN.SYS_C004037) violated - parent key not found

0.00 seconds

5)

Home > SQL > **SQL Commands**

☑ Autocommit   Display | 10   ∨ |

DELETE FROM MOVIES
WHERE MoviesID = 100

```
ORA-02292: integrity constraint (AMAN.SYS_C004037) violated - child record found
```

0.10 seconds

We cannot detete any tuple from base table which are linked with the refrencing table because after deletion that entity from the child table won't be able to point to the base table. (THIS IS THE REFERNTIAL INTRGRITY OF FOREIGN KEY).

6)

User: AMAN

Home > SQL > **SQL Commands**

☑ Autocommit Display 10

```
ALTER TABLE MOVIESSSS
MODIFY(
    PRIMARY KEY(MoviesID)
)
```

Results Explain Describe Saved SQL History

```
ORA-00942: table or view does not exist
```

0.09 seconds

7)

Home > SQL > **SQL Commands**

☑ Autocommit Display 10

```
ALTER TABLE MOVIES
ADD(
    SL_NO int DEFAULT 1
)
```
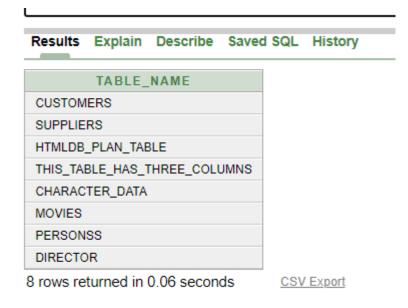
Table altered.

0.02 seconds

MOVIESID	MOVIES_NAME	RAITINGS	SL_NO
100	October	3	1
101	Phir Hera Pheri	5	1
102	Fuckrey	4	1
103	Shawshank Redumption	5	1
104	Fuckrey 2	4	1
105	Kal hona ho	4	1
106	OMG	5	1
107	Sadak 2	1	1
108	Delhi Belli	2	1
109	White Tiger	4	1
110	Kabir Singh	5	1
111	Avengers	5	1
112	Avengers-Infinity War	5	1
113	Rockstar	3	1
114	Sholay	5	1
115	Inception	5	1
116	Housefull 4	2	1
117	Star Wars	4	1
118	Godzilla	4	1
119	Bazzar	4	1

20 rows returned in 0.00 seconds   CSV Export

8)

1)

✓ Autocommit Display 20 ▾

```
SELECT
    table_name
FROM
    user_tables;
```

Results Explain Describe Saved SQL History

TABLE_NAME
CUSTOMERS
SUPPLIERS
HTMLDB_PLAN_TABLE
THIS_TABLE_HAS_THREE_COLUMNS
CHARACTER_DATA
MOVIES
PERSONSS
DIRECTOR

8 rows returned in 0.06 seconds   CSV Export

2)

✓ Autocommit Display 20 ▾

```
SELECT* FROM MOVIES
```

MOVIESID	MOVIES_NAME	RAITINGS	SL_NO
100	October	3	1
101	Phir Hera Pheri	5	1
102	Fuckrey	4	1
103	Shawshank Redumption	5	1
104	Fuckrey 2	4	1
105	Kal hona ho	4	1
106	OMG	5	1
107	Sadak 2	1	1
108	Delhi Belli	2	1
109	White Tiger	4	1
110	Kabir Singh	5	1
111	Avengers	5	1
112	Avengers-Infinity War	5	1
113	Rockstar	3	1
114	Sholay	5	1
115	Inception	5	1
116	Housefull 4	2	1
117	Star Wars	4	1
118	Godzilla	4	1
119	Bazzar	4	1

20 rows returned in 0.02 seconds   CSV Export

3)

Home > SQL > **SQL Commands**

☑ Autocommit   **Display** | 20 ⌄ |

```
SELECT MoviesID FROM MOVIES
```

MOVIESID
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119

20 rows returned in 0.02 seconds   CSV Export

4)

Home > SQL > SQL Commands

☑Autocommit   Display   20   ⌄

```
SELECT* FROM MOVIES
WHERE MoviesID =108
```

Results   Explain   Describe   Saved SQL   History

MOVIESID	MOVIES_NAME	RAITINGS	SL_NO
108	Delhi Belli	2	1

1 rows returned in 0.00 seconds   CSV Export

5)

☑ Autocommit Display 20 ∨

```
SELECT * FROM all_users;
```

Results Explain Describe Saved SQL History

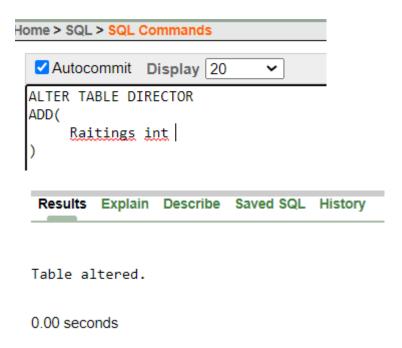| USERNAME	USER_ID	CREATED
AMAN	36	28-JAN-21
FLOWS_020100	35	07-FEB-06
FLOWS_FILES	34	07-FEB-06
HR	33	07-FEB-06
MDSYS	32	07-FEB-06
ANONYMOUS	28	07-FEB-06
XDB	27	07-FEB-06
CTXSYS	25	07-FEB-06
DBSNMP	23	07-FEB-06
TSMSYS	20	07-FEB-06
DIP	18	07-FEB-06
OUTLN	11	07-FEB-06
SYSTEM	5	07-FEB-06
SYS	0	07-FEB-06

14 rows returned in 0.00 seconds   CSV Export

9)

#ADDIND IN BASE TABLE

☑ Autocommit Display 20 ∨

```
ALTER TABLE MOVIES
ADD(
      Raitings int NOT NULL
)
```
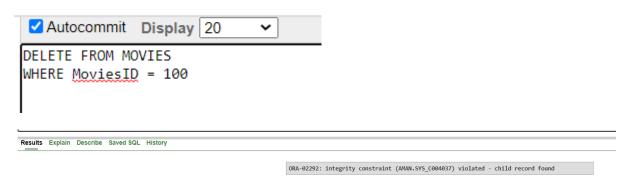
Table altered.

0.02 seconds

#ADDING NEW COLUMN TO CHILD TABLE

Home > SQL > **SQL Commands**

☑ Autocommit Display 20 ✓

```
ALTER TABLE DIRECTOR
ADD(
     Raitings int
)
```

Results Explain Describe Saved SQL History

Table altered.

0.00 seconds

DELETION IN BASE TABLE

☑ Autocommit Display 20 ✓

```
DELETE FROM MOVIES
WHERE MoviesID = 100
```

Results Explain Describe Saved SQL History

ORA-02292: integrity constraint (AMAN.SYS_C004037) violated - child record found

0.02 seconds

DELITION IN CHILD TABLE

Autocommit   Display 20

```
DELETE FROM DIRECTOR
WHERE MoviesID = 100
```

Results   Explain   Describe   Saved SQL   History

1 row(s) deleted.

0.02 seconds