

NAME – AMAN KUMAR

ROLL NO -19BCS115

SUBJECT- DBMS LAB

BRANCH-CSE

### 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)  
)
```

**Results** Explain Describe Saved SQL History

Table altered.

0.25 seconds

### C) DELETE

Home > SQL > **SQL Commands**

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

**Results** Explain Describe Saved SQL History

Table altered.

0.50 seconds

### 2)

Home > SQL > **SQL Commands**

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

**Results** Explain Describe Saved SQL History

MOVIESID	MOVIES_NAME	RAITINGS
100	October	3

1 rows returned in 0.00 seconds

[CSV Export](#)

Home > SQL > SQL Commands

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```
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

Home > SQL > SQL Commands

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```
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,'Bazaar',4)
SELECT * FROM dual;
```

**Results** Explain Describe Saved SQL History

MOVIESID	MOVIES_NAME	RAITINGS
100	October	3
101	Phir Hera Pheri	5
102	Fuckrey	4
103	Shawshank Redumpton	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**

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

Results Explain Describe Saved SQL History

ORA-00001: unique constraint (AMAN.SYS\_C004034) violated

0.29 seconds

Application Express 2.1.0.00.39

4)

# CREATING A TABLE WITH FOREIGN KEY

USER: AMAN

Home > SQL > SQL Commands

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```
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
```

Results Explain Describe Saved SQL History

ORA-02292: integrity constraint (AMAN.SYS\_C004037) violated - child record found

0.10 seconds

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

6)

User: AMAN

Home > SQL > SQL Commands

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```
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
)
```

**Results** Explain Describe Saved SQL History

Table altered.

0.02 seconds

**Results** Explain Describe Saved SQL History

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	Bazaar	4	1

20 rows returned in 0.00 seconds

[CSV Export](#)

8)

1)



Home > SQL > SQL Commands

☒ 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)

Home > SQL > SQL Commands

☒ Autocommit Display 20 ▼

```
SELECT* FROM MOVIES
```

**Results** Explain Describe Saved SQL History

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
```

---

**Results** Explain Describe Saved SQL History

---

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)

SQL COMMAND

---

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)

Home > SQL > SQL Commands

☒ 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

Home > SQL > SQL Commands

☒ Autocommit Display 20 ▼

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

Results Explain Describe Saved SQL History

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

Home > SQL > SQL Commands

☒ Autocommit   Display 20 ▼

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

**Results**   Explain   Describe   Saved SQL   History

1 row(s) deleted.

0.02 seconds