

## **INTRODUCTION TO DATABASE**



**AMERICAN INTERNATIONAL UNIVERSITY**



# **ART GALLERY MANAGEMENT SYSTEM**

**BANGLADESH.**

### ***Topic :***

Project on Art gallery Management System (Database Management System)

### **Submitted to :**

**Name :** Sifat Rahman Ahona

Lecturer, AIUB

Database Course teacher.

# ART GALLERY MANAGEMENT SYSTEM

## TABLE OF CONTENT

CONTENT	PAGE
1 . INTRODUCTION	0
2 . CASE STUDY	2
3 . ER DIAGRAM	3
4 . NORMALIZATION	4-15
5 . TABLE CREATION	16-25
6 . DATA INSERTION	26-46
7 . SUBQUERY	47-49
8 . SEQUENCE	50-51
9 . VIEW	52
10 .SINGLE ROW FUNCTION	53
11 .GROUP FUNCTION	54-57
12 .JOINING	58-60
13 .GENERAL	61-65

## CASE WRITTING

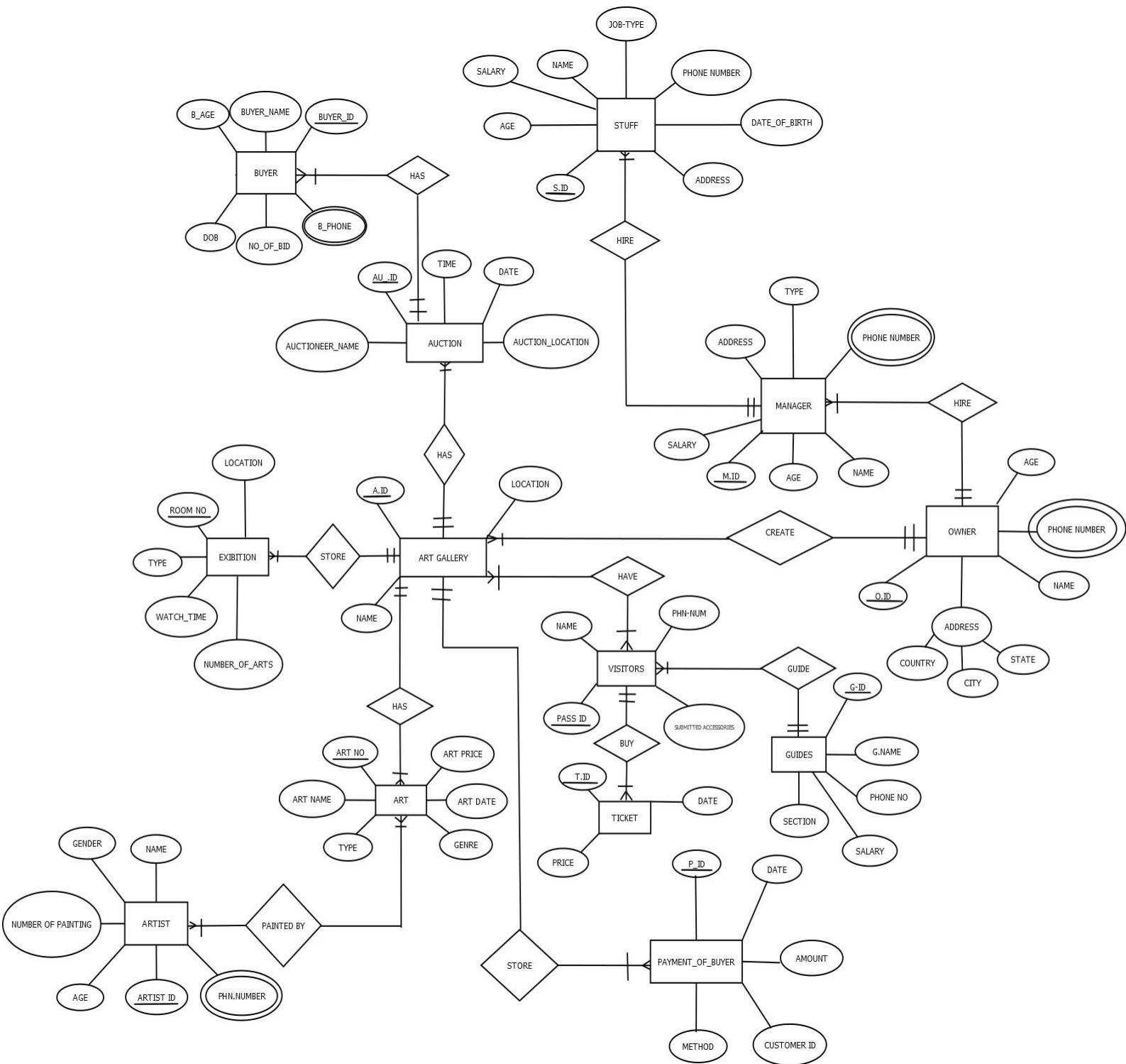
The owner of a art gallery wants to create a gallery management system which will contain each information about his art gallery including gallery id, location, name. The owner has his own unique Id, name, address, phone number and age. Owner address have contains city ,country and state of owner . Owner can have multiple phone number . The owner hires a manager to manage the gallery. Manager also has is own manager id, phone number, salary, address, name ,type , age. Manager have multiple phone number . Manager hires some different types of staff for management purposes. All staff have one manager but the manager has a lot of

## ART GALLERY MANAGEMENT SYSTEM

staff working under him. Every staff has their own staff id , job type ,salary ,name ,phone number ,address , age, and date of birth. The employee type include such as security, cleaner, shop-keeper, ticket seller. The database will also store different types of exhibition . Exhibition will have a room no, type, watch time , location and number of arts. There will be different types of art in the gallery. Every art will be painted by multiple artists and an artist can paint many arts also. Arts will have attributes like art type, art number, art price, name, genre , art date. Artists have their own unique attribute id, name, number of paintings, phone number, gender and age. The gallery will have visitors. Visitors have their name, pass id, phone number submitted accessories for not allowed. Visitors have to buy tickets in order to visit the gallery. Tickets have ticket id (unique attribute),price, date written in them. One visitor can have one ticket. There are guides who guide the visitors to visit the gallery. One guide has many visitors under him but a visitor is appointed with only one guide. Guide has a unique id, name, phone number, section and salary. There will also be auction held in the gallery. Auction has time, date and id , location and auctioneer name . An art gallery can announce many auction . Buyer can buy the paintings .A buyer have their own id, name, age, date of birth, no of bid in auction and their phone number. The database management will also store payment details. Payment has attributes like payment id, date, amount, customer id, payment method. An Art gallery store many payments .

# ART GALLERY MANAGEMENT SYSTEM

## ENTITY RELATIONSHIP DIAGRAM



ENTITY RELATIONSHIP DIAGRAM BY GROUP 6

# ART GALLERY MANAGEMENT SYSTEM

## NORMALIZATION

### **NORMALIZATION**

**HIRE** (S\_ID , AGE , DATE\_OF\_BIRTH , SALARY , NAME , ADDRESS , PHONE\_NUMBER , JOB TYPE,  
SECURITY , M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER )

**1NF** : PHONE\_NUMBER MULTIVALUED ATTRIBUTE

**2NF** : S\_ID , AGE , DATE\_OF\_BIRTH , SALARY , NAME , ADDRESS , PHONE\_NUMBER , JOB  
TYPE M\_ID  
M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER

**3NF** : S\_ID , SALARY , NAME , ADDRESS , PHONE\_NUMBER , JOB TYPE  
AD\_ID , M\_ID  
M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER  
AD\_ID , AGE , DATE\_OF\_BIRTH

**TABLE** : S\_ID , SALARY , NAME , ADDRESS , PHONE\_NUMBER , JOB\_TYPE  
AD\_ID , M\_ID  
M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER  
AD\_ID , AGE , DATE\_OF\_BIRTH

## ART GALLERY MANAGEMENT SYSTEM

**HIRE** (M\_ID,

NAME , AGE

, SALARY , TYPE , ADDRESS , PHONE\_NUMBER , O\_ID , NAME , AGE , PHONE\_NUMBER , CITY ,  
COUNTRY , STATE )

**1NF** : PHONE\_NUMBER , MULTIVALUED ATTRIBUTE

**2NF** : M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER , O\_ID  
O\_ID , NAME , AGE , PHONE\_NUMBER , CITY , COUNTRY , STATE

**3NF** : M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER , O\_ID  
O\_ID , NAME , AGE , PHONE\_NUMBER , T\_ID  
T\_ID , CITY , COUNTRY , STATE

**TABLE** : M\_ID , NAME , AGE , SALARY , TYPE , ADDRESS , PHONE\_NUMBER , O\_ID  
O\_ID , NAME , AGE , PHONE\_NUMBER , T\_ID  
T\_ID , CITY , COUNTRY , STATE

**CREATE** (O\_ID , NAME , AGE , PHONE\_NUMBER , CITY , COUNTRY , STATE , A\_ID , LOCATION ,  
NAME )

## ART GALLERY MANAGEMENT SYSTEM

**1NF :**

PHONE\_NUMBER , MULTIVALUED ATTRIBUTE

**2NF :** : O\_ID , NAME , AGE , PHONE\_NUMBER , CITY , COUNTRY , STATE

A\_ID , LOCATION , NAME , O\_ID

**3NF :** : O\_ID , NAME , AGE , PHONE\_NUMBER , T\_ID

A\_ID , LOCATION , NAME , O\_ID

T\_ID , CITY , COUNTRY , STATE

**TABLE :** : O\_ID , NAME , AGE , PHONE\_NUMBER , T\_ID

A\_ID , LOCATION , NAME , O\_ID

T\_ID , CITY , COUNTRY , STATE

**HAVE** ( A\_ID , LOCATION , NAME , PASS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES )

**1NF :** NO MULTIVALUED ATTRIBUTE

**2NF :** : A\_ID , LOCATION , NAME

PAAS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES

AP\_ID , A\_ID , PASS\_ID

**3NF :** NO TRANSITIVE DEPENDENCY

A\_ID , LOCATION , NAME

PAAS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES

AP\_ID , A\_ID , PASS\_ID

## ART GALLERY MANAGEMENT SYSTEM

**TABLE :** A

LOCATION , NAME

PAAS ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES

AP\_ID , A\_ID , PASS\_ID

**BUY** ( , PASS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES ,TI\_ID , DATE , PRICE )

**1NF** : NO MULTIVALUED ATTRIBUTE

**2NF** : PASS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES

TI\_ID , DATE , PRICE , PASS\_ID

**3NF** : NO TRANSITIVE DEPENDENCY

PASS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES

TI\_ID , DATE , PRICE , PASS\_ID

**TABLE** : PASS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES

TI\_ID , DATE , PRICE , PASS\_ID

**GUIDE** ( G\_ID , G\_NAME , SECTION , SALARY , PHONE\_NO , PAAS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES )

**1NF** : NO MULTIVALUED ATTRIBUTE

**2NF** : PAAS\_ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES , G\_ID

G\_ID , G\_NAME , SECTION , SALARY , PHONE\_NO

## ART GALLERY MANAGEMENT SYSTEM

**3NF** : NO

TRANSITIVE

DEPENDENCY

PAAS ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES , G\_ID

G\_ID , G\_NAME , SECTION , SALARY , PHONE\_NO

**TABLE** : PAAS ID , NAME , PHN\_NUM , SUBMITTED\_ACCESSORIES , G\_ID

G\_ID , G\_NAME , SECTION , SALARY , PHONE\_NO

**STORE** (A\_ID , NAME , LOCATION , P\_ID , DATE , AMOUNT , METHOD , CUSTOMER\_ID )

**1NF** : NO MULTIVALUED ATTRIBUTE

**2NF** : P\_ID , DATE , AMOUNT , METHOD , CUSTOMER\_ID

A\_ID , NAME , LOCATION

**3NF** : NO TRANSITIVE DEPENDENCY

P\_ID , DATE , AMOUNT , METHOD , CUSTOMER\_ID , A\_ID

A\_ID , NAME , LOCATION

**TABLE** : P\_ID , DATE , AMOUNT , METHOD , CUSTOMER\_ID , A\_ID

A\_ID , NAME , LOCATION

**HAS** (A\_ID , NAME , LOCATION , ART NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE )

**1NF** : NO MULTIVALUED ATTRIBUTE

**2NF** : A\_ID , NAME , LOCATION

## ART GALLERY MANAGEMENT SYSTEM

ART\_NAME ,  
ART\_PRICE , TYPE , GENRE , A\_ID

ART NO ,  
ART\_DATE ,

**3NF** : NO TRANSITIVE DEPENDENCY

A\_ID , NAME , LOCATION

ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE , A\_ID

**TABLE** : A\_ID , NAME , LOCATION

ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE , A\_ID

**PAINTED BY** ( ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE , ARTIST\_ID ,  
NUMBER\_OF\_PAINTING , NAME , AGE , GENDER , PHN\_NUMBER )

**1NF** : PHN\_NUMBER MULTIVALUED ATTRIBUTE

**2NF** : ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE  
ARTIST\_ID , NUMBER\_OF\_PAINTING , NAME , AGE , GENDER , PHN\_NUMBER  
AR\_ID , ART\_NO , ARTIST\_ID

**3NF** : NO TRANSITIVE DEPENDENCY

ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE  
ARTIST\_ID , NUMBER\_OF\_PAINTING , NAME , AGE , GENDER , PHN\_NUMBER  
AR\_ID , ART\_NO , ARTIST\_ID

# ART GALLERY MANAGEMENT SYSTEM

**TABLE : ART**

NO,

ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE

ARTIST\_ID , NUMBER\_OF\_PAINTING , NAME , AGE , GENDER , PHN\_NUMBER

AR\_ID , ART\_NO , ARTIST\_ID

**STORE** (A\_ID , NAME , LOCATION , ROOM NO , LOCATION , TYPE , WATCH\_TIME , NUMBER\_OF\_ART )

**1NF** : NO MULTIVALUED ATTRIBUTE

**2NF** : A\_ID , NAME , LOCATION

ROOM NO , LOCATION , TYPE , WATCH\_TIME , NUMBER\_OF\_ART , A\_ID

**3NF** : NO TRANSITIVE DEPENDENCY

A\_ID , NAME , LOCATION

ROOM NO , LOCATION , TYPE , WATCH\_TIME , NUMBER\_OF\_ART , A\_ID **TABLE : A**

ID , NAME , LOCATION

ROOM NO , LOCATION , TYPE , WATCH\_TIME , NUMBER\_OF\_ART , A\_ID

**HAS** (A\_ID , NAME , LOCATION , AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONEER\_NAME )

**1NF** : NO MULTIVALUED ATTRIBUTE

**2NF** : A\_ID , NAME , LOCATION ,

## ART GALLERY MANAGEMENT SYSTEM

AU

ID , TIME ,

DATE ,

AUCTION\_LOCATION , AUCTIONER\_NAME , A\_ID

**3NF** : NO TRANSITIVE DEPENDENCY

A\_ID , NAME , LOCATION ,

AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME , A\_ID

**TABLE** : A\_ID , NAME , LOCATION ,

AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME , A\_ID

**HAS** ( AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME , BUYER\_ID ,  
BUYER\_NAME , NO\_OF\_BID , B\_PHONE , B\_AGE , DOB )

**1NF** : B\_PHONE MULTIVALUED ATTRIBUTE

**2NF** : AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME

BUYER\_ID , BUYER\_NAME , NO\_OF\_BID , B\_PHONE , B\_AGE , DOB , AU\_ID

**3NF** : NO TRANSITIVE DEPENDENCY

AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME

BUYER\_ID , BUYER\_NAME , NO\_OF\_BID , B\_PHONE , B\_AGE , DOB , AU\_ID

**TABLE** : AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME

BUYER\_ID , BUYER\_NAME , NO\_OF\_BID , B\_PHONE , B\_AGE , DOB , AU\_ID

# ART GALLERY MANAGEMENT SYSTEM

## **TOTAL TABLE :**

1. S\_ID, SALARY, NAME, ADDRESS, PHONE\_NUMBER, JOB\_TYPE,  
AD\_ID, M\_ID
- X 2. M\_ID, NAME, AGE, SALARY, TYPE, ADDRESS, PHONE\_NUMBER
3. AD\_ID, AGE, DATE\_OF\_BIRTH
4. M\_ID, NAME, AGE, SALARY, TYPE, ADDRESS, PHONE\_NUMBER, O\_ID
5. O\_ID, NAME, AGE, PHONE\_NUMBER, T\_ID                6. T\_ID, CITY, COUNTRY, STATE
- X 7. O\_ID, NAME, AGE, PHONE\_NUMBER, T\_ID
8. A\_ID, LOCATION, NAME, O\_ID
- X 9. T\_ID, CITY, COUNTRY, STATE
- X 10. A\_ID, LOCATION, NAME X
- X 11. PAAS\_ID, NAME, PHN\_NUM, SUBMITTED\_ACCESSORIES X
12. AP\_ID, A\_ID, PASS\_ID
- X 13. PASS\_ID, NAME, PHN\_NUM, SUBMITTED\_ACCESSORIES X
- X 14. TI\_ID, DATE, PRICE, PASS\_ID X
15. PAAS\_ID, NAME, PHN\_NUM, SUBMITTED\_ACCESSORIES, G\_ID
16. G\_ID, G\_NAME, SECTION, SALARY, PHONE\_NO
17. P\_ID, DATE, AMOUNT, METHOD, CUSTOMER\_ID, A\_ID

## ART GALLERY MANAGEMENT SYSTEM

X 18. A

ID , NAME ,

LOCATION X

X 19. A\_ID , NAME , LOCATION X

20. ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE , A\_ID

X 21. ART\_NO , ART\_NAME , ART\_DATE , ART\_PRICE , TYPE , GENRE X

22. ARTIST\_ID , NUMBER\_OF\_PAINTING , NAME , AGE , GENDER , PHN\_NUMBER

23. AR\_ID , ART\_NO , ARTIST\_ID

X 24. A\_ID , NAME , LOCATION X

25. ROOM\_NO , LOCATION , TYPE , WATCH\_TIME , NUMBER\_OF\_ART , A\_ID

X 26. A\_ID , NAME , LOCATION , X

27. AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME , A\_ID

X 28. AU\_ID , TIME , DATE , AUCTION\_LOCATION , AUCTIONER\_NAME X

29. BUYER\_ID , BUYER\_NAME , NO\_OF\_BID , B\_PHONE , B\_AGE , DOB , AU\_ID

# ART GALLERY MANAGEMENT SYSTEM

## **FINAL TABLE :**

1. S\_ID, SALARY, NAME, ADDRESS, PHONE\_NUMBER, JOB\_TYPE, AD\_ID, M\_ID
2. M\_ID, NAME, AGE, SALARY, TYPE, ADDRESS, PHONE\_NUMBER, O\_ID
3. AD\_ID, AGE, DATE\_OF\_BIRTH
4. O\_ID, NAME, AGE, PHONE\_NUMBER, T\_ID
5. T\_ID, CITY, COUNTRY, STATE
6. A\_ID, LOCATION, NAME, O\_ID
7. AP\_ID, A\_ID, PASS\_ID
8. PAAS\_ID, NAME, PHN\_NUM, SUBMITTED\_ACCESSORIES, G\_ID
9. G\_ID, G\_NAME, SECTION, SALARY, PHONE\_NO
10. P\_ID, DATE, AMOUNT, METHOD, CUSTOMER\_ID, A\_ID
11. ART\_NO, ART\_NAME, ART\_DATE, ART\_PRICE, TYPE, GENRE, A\_ID
12. ARTIST\_ID, NUMBER\_OF\_PAINTING, NAME, AGE, GENDER, PHN\_NUMBER
13. AR\_ID, ART\_NO, ARTIST\_ID
14. ROOM\_NO, LOCATION, TYPE, WATCH\_TIME, NUMBER\_OF\_ART, A\_ID
15. AU\_ID, TIME, DATE, AUCTION\_LOCATION, AUCTIONER\_NAME, A\_ID
16. BUYER\_ID, BUYER\_NAME, NO\_OF\_BID, B\_PHONE, B\_AGE, DOB, AU\_ID

# ART GALLERY MANAGEMENT SYSTEM

## TABLE CREATION SQL

### TABLE NO 1:

CREATE TABLE STUFF

```
(S_ID NUMBER (10),SALARY NUMBER (10),NAME VARCHAR2(50),ADDRESS VARCHAR2 (50),
PHONE_NUMBER NUMBER (12),AD_ID NUMBER (10) CONSTRAINT AD_ID_FK REFERENCES AGE_DATE
(AD_ID),M_ID NUMBER (10) CONSTRAINT M_ID_FK REFERENCES MANAGER(M_ID),PRIMARY KEY
(S_ID));
```

DESC EMPLOYEES

### TABLE NO 2:

CREATE TABLE MANAGER (M\_ID NUMBER (5),NAME VARCHAR2 (50),AGE NUMBER (5),SALARY NUMBER (10),

```
TYPE VARCHAR2(50),ADDRESS VARCHAR2 (50),PHONE_NUMBER NUMBER (12),O_ID NUMBER (5)
CONSTRAINT O_ID_FK REFERENCES OWNER (O_ID),PRIMARY KEY (M_ID));
```

DROP TABLE MANAGER

DESC MANAGER

### TABLE NO 3:

CREATE TABLE AGE\_DATE (AD\_ID NUMBER (5),AGE NUMBER (5),DATE\_OF\_BIRTH DATE,PRIMARY KEY
(AD\_ID));

DESC AGE\_DATE

### TABLE NO 4:

CREATE TABLE OWNER (O\_ID NUMBER (5),NAME VARCHAR2(50),AGE NUMBER (5),PHONE\_NUMBER
NUMBER (12),T\_ID NUMBER (5) CONSTRAINT T\_ID\_FK REFERENCES OWNER\_ADDRESS (T\_ID) ,PRIMARY KEY
(O\_ID));

DESC OWNER

## ART GALLERY MANAGEMENT SYSTEM

### TABLE NO 5:

```
CREATE TABLE OWNER_ADDRESS (T_ID NUMBER (5),CITY VARCHAR2 (50), COUNTRY VARCHAR2(50),  
LOCATION VARCHAR2 (50),PRIMARY KEY (T_ID))
```

```
DESC OWNER_ADDRESS
```

### TABLE NO 6:

```
CREATE TABLE ART_GALLERY (A_ID NUMBER (5),NAME VARCHAR2 (50), LOCATION VARCHAR2(50), O_ID  
NUMBER (5) CONSTRAINT O_ID_FK1 REFERENCES OWNER (O_ID),PRIMARY KEY (A_ID)); DESC
```

```
ART_GALLERY
```

### TABLE NO 7:

```
CREATE TABLE GALLERY_VISITORS (AP_ID NUMBER (5), A_ID NUMBER(5), PASS_ID NUMBER (5) , PRIMARY  
KEY (AP_ID));
```

```
DESC TABLE
```

### TABLE NO 8:

```
CREATE TABLE VISITORS (PASS_ID NUMBER (5), NAME VARCHAR2 (50), PHONE_NUMBER NUMBER (12),  
SUBMITTED_ACCESSORIES VARCHAR2 (50),G_ID NUMBER (5) CONSTRAINT G_ID_FK REFERENCES  
GUIDES (G_ID),PRIMARY KEY (PASS_ID));
```

```
DESC VISITORS
```

### TABLE NO 9:

```
CREATE TABLE GUIDES (G_ID NUMBER (5),G_NAME VARCHAR2 (50),SECTION NUMBER (5), SALARY  
NUMBER (10), PHONE_NUMBER NUMBER (12),PRIMARY KEY (G_ID));
```

```
DESC GUIDES
```

### TABLE NO 10:

```
CREATE TABLE PAYMENT_OF_BUYER (P_ID NUMBER (5),PAYMENT_DATE DATE , AMOUNT NUMBER  
(10), METHOD VARCHAR2 (20),CUSTOMER_ID NUMBER (5) ,A_ID NUMBER (5) CONSTRAINT A_ID_FK  
REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (P_ID));
```

```
DESC PAYMENT_OF_BUYER
```

### TABLE NO 11:

## ART GALLERY MANAGEMENT SYSTEM

```
CREATE TABLE ART
NUMBER (5),
VARCHAR2 (50), ART_DATE DATE ,ART_PRICE
NUMBER (10),TYPE VARCHAR2(50),GENRE VARCHAR2 (50),A_ID NUMBER (5) CONSTRAINT A_ID_FK2
REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (ART_NO ));

DESC ART
```

ART (ART\_NO  
ART\_NAME

### TABLE NO 12 :

```
CREATE TABLE ARTIST (ARTIST_ID NUMBER (5),NUMBER_OF_PAINTING NUMBER (5),NAME VARCHAR2
(50), AGE NUMBER (5), GENDER VARCHAR2 (2),PHONE_NUMBER NUMBER (12)); DESC
```

ARTIST

### TABLE NO 13 :

```
CREATE TABLE ART_ARTIST (AR_ID NUMBER (5) , ART_NO NUMBER (5), ARTIST NUMBER (5), PRIMARY KEY
(AR_ID));

DESC ART_ARTIST
```

### TABLE NO 14 :

```
CREATE TABLE EXIBITION (ROOM_NO NUMBER (5), LOCATION VARCHAR2 (50),WATCH_TIME NUMBER
(10), NUMBER_OF_ART NUMBER (10),A_ID NUMBER (5), PRIMARY KEY (ROOM_NO));

DESC EXIBITION
```

### TABLE NO 15 :

```
CREATE TABLE AUCTION (AU_ID NUMBER (5),TIME NUMBER (10), AUCTION_DATE DATE
,AUCTION_LOCATION VARCHAR2 (50), AUCTIONEER_NAME VARCHAR2 (50),A_ID NUMBER (5) CONSTRAINT
A_ID_FK3 REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (AU_ID));

DESC AUCTION
```

### TABLE NO 16 :

```
CREATE TABLE BUYER (BUYER_ID NUMBER (5), BUYER_NAME VARCHAR2 (50),NO_OF_BID NUMBER
(5),B_PHONE NUMBER (12),B_AGE NUMBER (5),B_DOB DATE ,AU_ID NUMBER (5) CONSTRAINT
AU_ID_FK REFERENCES AUCTION (AU_ID), PRIMARY KEY (BUYER_ID));
```

# ART GALLERY MANAGEMENT SYSTEM

DESC BUYER

## CREATED TABLES

### **TABLES :**

1. OWNER ADDRESS
2. OWNER
3. AGE DATE
4. MANAGER
5. STUFF
6. ART GALLERY
7. GALLERY VISITORS
8. GUIDES
9. VISITORS
10. PAYMENTS OF BAYER
11. ART
12. ARTIST
13. ART ARTIST
14. EXIBITION
15. AUCTION
16. BUYER

### **1 . STUFF**

Autocommit Display 10 Save Run

TABLE NO 1 :

```
CREATE TABLE STUFF
(S_ID NUMBER (10), SALARY NUMBER (10), NAME VARCHAR2(50), ADDRESS VARCHAR2 (50),
PHONE_NUMBER NUMBER (12), AD_ID NUMBER (10) CONSTRAINT AD_ID_FK REFERENCES AGE_DATE (AD_ID), M_ID NUMBER (10) CONSTRAINT M_ID_FK REFERENCES MANAGER(M_ID), PRIMARY KEY (S_ID));
DESC STUFF
```

Results Explain Describe Saved SQL History

Object Type TABLE Object STUFF

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STUFF	S_ID	Number	-	10	0	1	-	-	-
	SALARY	Number	-	10	0	-	✓	-	-
	NAME	Varchar2	50	-	-	-	✓	-	-
	ADDRESS	Varchar2	50	-	-	-	✓	-	-
	PHONE_NUMBER	Number	-	12	0	-	✓	-	-
	AD_ID	Number	-	10	0	-	✓	-	-
	M_ID	Number	-	10	0	-	✓	-	-

1 - 7

# ART GALLERY MANAGEMENT SYSTEM

## 2. MANGER

Autocommit Display 1000 Save Run

TABLE NO 2 :

```
CREATE TABLE MANAGER (M_ID NUMBER (5),NAME VARCHAR2 (50),AGE NUMBER (5),SALARY NUMBER (10),
TYPE VARCHAR2(50),ADDRESS VARCHAR2 (50),PHONE_NUMBER NUMBER (12),O_ID NUMBER (5) CONSTRAINT O_ID_FK REFERENCES OWNER (O_ID),PRIMARY KEY (M_ID));
```

DESC MANAGER

---

Results Explain Describe Saved SQL History

Object Type TABLE Object MANAGER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MANAGER	M_ID	Number	-	5	0	1	-	-	-
	NAME	VARCHAR2	50	-	-	-	✓	-	-
	AGE	Number	-	5	0	-	✓	-	-
	SALARY	Number	-	10	0	-	✓	-	-
	TYPE	VARCHAR2	50	-	-	-	✓	-	-
	ADDRESS	VARCHAR2	50	-	-	-	✓	-	-
	PHONE NUMBER	Number	-	12	0	-	✓	-	-
	O_ID	Number	-	5	0	-	✓	-	-

1 - 8

---

## 3. AGE\_DATE

Autocommit Display 1000 Save Run

TABLE NO 3 :

```
CREATE TABLE AGE_DATE (AD_ID NUMBER (5),AGE NUMBER (5),DATE_OF_BIRTH DATE,PRIMARY KEY (AD_ID));
```

DESC AGE\_DATE

---

Results Explain Describe Saved SQL History

Object Type TABLE Object AGE\_DATE

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AGE_DATE	AD_ID	Number	-	5	0	1	-	-	-
	AGE	Number	-	5	0	-	✓	-	-
	DATE_OF_BIRTH	Date	7	-	-	-	✓	-	-

1 - 3

---

Language: en-us Application Express 2.1.0.00.39  
Copyright © 1999, 2006, Oracle. All rights reserved.

## 4. OWNER

Autocommit Display 1000 Save Run

TABLE NO 4 :

```
CREATE TABLE OWNER (O_ID NUMBER (5),NAME VARCHAR2(50),AGE NUMBER (5),PHONE_NUMBER NUMBER (12),T_ID NUMBER (5) CONSTRAINT T_ID_FK REFERENCES OWNER_ADDRESS (T_ID) ,PRIMARY KEY (O_ID));
```

DESC OWNER

---

Results Explain Describe Saved SQL History

Object Type TABLE Object OWNER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
OWNER	O_ID	Number	-	5	0	1	-	-	-
	NAME	VARCHAR2	50	-	-	-	✓	-	-
	AGE	Number	-	5	0	-	✓	-	-
	PHONE_NUMBER	Number	-	12	0	-	✓	-	-
	T_ID	Number	-	5	0	-	✓	-	-

1 - 5

---

Language: en-us Application Express 2.1.0.00.39  
Copyright © 1999, 2006, Oracle. All rights reserved.

## 5. OWNER ADDRESS

**ART GALLERY MANAGEMENT SYSTEM BY GROUP - 6**  
**GROUP - 6**

# ART GALLERY MANAGEMENT SYSTEM

Autocommit Display 1000 Save Run

TABLE NO 5 :

```
CREATE TABLE OWNER_ADDRESS (T_ID NUMBER (5), CITY VARCHAR2 (50), COUNTRY VARCHAR2(50), LOCATION VARCHAR2 (50), PRIMARY KEY (T_ID))
DESC OWNER_ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object OWNER\_ADDRESS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
OWNER_ADDRESS	T_ID	Number	-	5	0	1	-	-	-
	CITY	VARCHAR2	50	-	-	-	✓	-	-
	COUNTRY	VARCHAR2	50	-	-	-	✓	-	-
	LOCATION	VARCHAR2	50	-	-	-	✓	-	-

1 - 4

Language: en-us Application Express 2.1.0.00.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 6. ART GALLERY

Autocommit Display 1000 Save Run

TABLE NO 6 :

```
CREATE TABLE ART_GALLERY (A_ID NUMBER (5), NAME VARCHAR2 (50), LOCATION VARCHAR2(50), O_ID NUMBER (5) CONSTRAINT O_ID_FK1 REFERENCES OWNER (O_ID), PRIMARY KEY (A_ID))
DESC ART_GALLERY
```

Results Explain Describe Saved SQL History

Object Type TABLE Object ART\_GALLERY

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ART_GALLERY	A_ID	Number	-	5	0	1	-	-	-
	NAME	VARCHAR2	50	-	-	-	✓	-	-
	LOCATION	VARCHAR2	50	-	-	-	✓	-	-
	O_ID	Number	-	5	0	-	✓	-	-

1 - 4

Language: en-us Application Express 2.1.0.00.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 7. GALLERY VISITORS

Autocommit Display 1000 Save Run

TABLE NO 7 :

```
CREATE TABLE GALLERY_VISITORS (AP_ID NUMBER (5), A_ID NUMBER(5), PASS_ID NUMBER (5) , PRIMARY KEY (AP_ID))
DESC GALLERY_VISITORS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object GALLERY\_VISITORS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
GALLERY_VISITORS	AP_ID	Number	-	5	0	1	-	-	-
	A_ID	Number	-	5	0	-	✓	-	-
	PASS_ID	Number	-	5	0	-	✓	-	-

1 - 3

Language: en-us Application Express 2.1.0.00.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 8. VISITORS

# ART GALLERY MANAGEMENT SYSTEM

Autocommit Display 1000 Save Run

TABLE NO 8 :

```
CREATE TABLE VISITORS (PASS_ID NUMBER (5), NAME VARCHAR2 (50), PHONE_NUMBER NUMBER (12), SUBMITTED_ACCESSORIES VARCHAR2 (50), G_ID NUMBER (5) CONSTRAINT G_ID_FK REFERENCES GUIDES (G_ID), PRIMARY KEY (PASS_ID));
DESC VISITORS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object VISITORS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
VISITORS	PASS_ID	Number	-	5	0	1	-	-	-
	NAME	VARCHAR2	50	-	-	-	✓	-	-
	PHONE_NUMBER	Number	-	12	0	-	✓	-	-
	SUBMITTED_ACCESSORIES	VARCHAR2	50	-	-	-	✓	-	-
	G_ID	Number	-	5	0	-	✓	-	-

1 - 5

Language: en-us Application Express 2.1.0.0.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 9.GUIDES

Autocommit Display 1000 Save Run

TABLE NO 9 :

```
CREATE TABLE GUIDES (G_ID NUMBER (5), G_NAME VARCHAR2 (50), SECTION NUMBER (5), SALARY NUMBER (10), PHONE_NUMBER NUMBER (12), PRIMARY KEY (G_ID));
DESC GUIDES
```

Results Explain Describe Saved SQL History

Object Type TABLE Object GUIDES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
GUIDES	G_ID	Number	-	5	0	1	-	-	-
	G_NAME	VARCHAR2	50	-	-	-	✓	-	-
	SECTION	Number	-	5	0	-	✓	-	-
	SALARY	Number	-	10	0	-	✓	-	-
	PHONE_NUMBER	Number	-	12	0	-	✓	-	-

1 - 5

Language: en-us Application Express 2.1.0.0.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 10.PAYMENT OF BUYER

Autocommit Display 1000 Save Run

TABLE NO 10 :

```
CREATE TABLE PAYMENT_OF_BUYER (P_ID NUMBER (5), PAYMENT_DATE DATE, AMOUNT NUMBER (10), METHOD VARCHAR2 (20), CUSTOMER_ID NUMBER (5), A_ID NUMBER (5) CONSTRAINT A_ID_FK REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (P_ID));
DESC PAYMENT_OF_BUYER
```

Results Explain Describe Saved SQL History

Object Type TABLE Object PAYMENT\_OF\_BUYER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PAYMENT_OF_BUYER	P_ID	Number	-	5	0	1	-	-	-
	PAYMENT_DATE	Date	7	-	-	-	✓	-	-
	AMOUNT	Number	-	10	0	-	✓	-	-
	METHOD	VARCHAR2	20	-	-	-	✓	-	-
	CUSTOMER_ID	Number	-	5	0	-	✓	-	-
	A_ID	Number	-	5	0	-	✓	-	-

1 - 6

Language: en-us Application Express 2.1.0.0.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 11.ART

# ART GALLERY MANAGEMENT SYSTEM

Autocommit Display 1000 Save Run

TABLE NO 11 :

```
CREATE TABLE ART (ART_NO NUMBER (5), ART_NAME VARCHAR2 (50), ART_DATE DATE ,ART_PRICE NUMBER (10),TYPE VARCHAR2(50),GENRE VARCHAR2 (50),A_ID NUMBER (5) CONSTRAINT A_ID_FK2 REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (ART_NO ));
```

DESC ART

Results Explain Describe Saved SQL History

Object Type TABLE Object ART

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ART	ART_NO	Number	-	5	0	1	-	-	-
	ART_NAME	VARCHAR2	50	-	-	-	✓	-	-
	ART_DATE	Date	7	-	-	-	✓	-	-
	ART_PRICE	Number	-	10	0	-	✓	-	-
	TYPE	VARCHAR2	50	-	-	-	✓	-	-
	GENRE	VARCHAR2	50	-	-	-	✓	-	-
	A_ID	Number	-	5	0	-	✓	-	-

1 - 7

## 12.ARTIST

Autocommit Display 1000 Save Run

TABLE NO 12 :

```
CREATE TABLE ARTIST (ARTIST_ID NUMBER (5),NUMBER_OF_PAINTING NUMBER (5),NAME VARCHAR2 (50), AGE NUMBER (5), GENDER VARCHAR2 (2),PHONE_NUMBER NUMBER (12));
```

DESC ARTIST

Results Explain Describe Saved SQL History

Object Type TABLE Object ARTIST

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ARTIST	ARTIST_ID	Number	-	5	0	-	✓	-	-
	NUMBER_OF_PAINTING	Number	-	5	0	-	✓	-	-
	NAME	VARCHAR2	50	-	-	-	✓	-	-
	AGE	Number	-	5	0	-	✓	-	-
	GENDER	VARCHAR2	2	-	-	-	✓	-	-
	PHONE_NUMBER	Number	-	12	0	-	✓	-	-

1 - 6

Language: en-us Application Express 2.1.0.00.39 Copyright © 1999-2006, Oracle. All rights reserved.

## 13.ART ARTIST

Autocommit Display 1000 Save Run

TABLE NO 13 :

```
CREATE TABLE ART_ARTIST (AR_ID NUMBER (5) , ART_NO NUMBER (5), ARTIST NUMBER (5), PRIMARY KEY (AR_ID));
```

DESC ART\_ARTIST

Results Explain Describe Saved SQL History

Object Type TABLE Object ART\_ARTIST

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ART_ARTIST	AR_ID	Number	-	5	0	1	-	-	-
	ART_NO	Number	-	5	0	-	✓	-	-
	ARTIST	Number	-	5	0	-	✓	-	-

1 - 3

Language: en-us Application Express 2.1.0.00.39 Copyright © 1999-2006, Oracle. All rights reserved.

## 14.EXIBITION

# ART GALLERY MANAGEMENT SYSTEM

TABLE NO 14 :

```
CREATE TABLE EXIBITION (ROOM_NO NUMBER (5), LOCATION VARCHAR2 (50), WATCH_TIME NUMBER (10), NUMBER_OF_ART NUMBER (10), A_ID NUMBER (5), PRIMARY KEY (ROOM_NO));
DESC EXIBITION
```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EXIBITION	ROOM_NO	Number	-	5	0	1	-	-	-
	LOCATION	VARCHAR2	50	-	-	-	✓	-	-
	WATCH_TIME	Number	-	10	0	-	✓	-	-
	NUMBER_OF_ART	Number	-	10	0	-	✓	-	-
	A_ID	Number	-	5	0	-	✓	-	-

1 - 5

Language: en-us Application Express 2.1.0.0.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 15. AUCTION

Autocommit Display 1000 Save Run

TABLE NO 15 :

```
CREATE TABLE AUCTION (AU_ID NUMBER (5), TIME NUMBER (10), AUCTION_DATE DATE, AUCTION_LOCATION VARCHAR2 (50), AUCTIONEER_NAME VARCHAR2 (50), A_ID NUMBER (5) CONSTRAINT A_ID_FK3 REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (AU_ID));
DESC AUCTION
```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AUCTION	AU_ID	Number	-	5	0	1	-	-	-
	TIME	Number	-	10	0	-	✓	-	-
	AUCTION_DATE	Date	7	-	-	-	✓	-	-
	AUCTION_LOCATION	VARCHAR2	50	-	-	-	✓	-	-
	AUCTIONEER_NAME	VARCHAR2	50	-	-	-	✓	-	-
	A_ID	Number	-	5	0	-	✓	-	-

1 - 6

Language: en-us Application Express 2.1.0.0.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 16 . BUYER

Autocommit Display 1000 Save Run

TABLE NO 16 :

```
CREATE TABLE BUYER (BUYER_ID NUMBER (5), BUYER_NAME VARCHAR2 (50), NO_OF_BID NUMBER (5), B_PHONE NUMBER (12), B_AGE NUMBER (5), B_DOB DATE, AU_ID NUMBER (5) CONSTRAINT AU_ID_FK REFERENCES AUCTION (AU_ID), PRIMARY KEY (BUYER_ID));
DESC BUYER
```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
BUYER	BUYER_ID	Number	-	5	0	1	-	-	-
	BUYER_NAME	VARCHAR2	50	-	-	-	✓	-	-
	NO_OF_BID	Number	-	5	0	-	✓	-	-
	B_PHONE	Number	-	12	0	-	✓	-	-
	B_AGE	Number	-	5	0	-	✓	-	-
	B_DOB	Date	7	-	-	-	✓	-	-
	AU_ID	Number	-	5	0	-	✓	-	-

1 - 7

## INSERTION SQL

**GUIDES:**

```
CREATE SEQUENCE G_ID
```

```
INCREMENT BY 1
```

```
START WITH 01
```

```
MAXVALUE 100;
```

```
INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'ABDULLAH',1,10000,1234567)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'ABDULLA',2,30000,1234467)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'NEHA',2,20000,4367783)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'RAJ',12,4000,134567)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'MAYAD',4,30000,12367)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'MANHA',8,320000,1457)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'ALIF',45,100400,463673)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'FARHAN',45,50000,77)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'ALIN',1,100,12341347)

INSERT      INTO      GUIDES      (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER)      VALUES
(G_ID.NEXTVAL,'ALEX',1,132000,4567)
```

```
SELECT * FROM GUIDES
```

# ART GALLERY MANAGEMENT SYSTEM

## VISITORS:

```
CREATE SEQUENCE V_ID  
INCREMENT BY 1  
START WITH 01  
MAXVALUE 100;  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(1,'ABDULLAH',01743252585,'BAG',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(2,'NEHA',01743252456,'PURSE',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(3,'MAYAD',01743252346,'MOBILE',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(4,'RAJ',017472523432,'BAG',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(5,'MANHA',01711190550,'BOTTLE',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(6,'ALIF',01799383029,'SHIRT',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(7,'ALIN',01721004206,'PANT',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(8,'SALMAN KHAN',99127282,'HOUSE',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(9,'SHAH RUKH',12384568312,'BAG',V_ID.NEXTVAL)  
  
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID)  
VALUES(10,'TOM CRUZE',0179625962,'PURSE',3)  
  
SELECT * FROM VISITORS
```

## ARTIST:

## **ART GALLERY MANAGEMENT SYSTEM**

```
INSERT      INTO ARTIST
(ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER)      VALUES
(1,34,'DA
VINCHI',88,'M',0174536272)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(2,23,'JOYNUL ABEDIN',12,'M',01624638523)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(3,12,'MAYAD',21,'F',016734728526)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(4,1,'NEHA',22,'F',01634627827)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(5,1,'ABDULLAH',23,'M',01743252585)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(6,2,'RAJ',19,'M',04537253793)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(7,4,'ALIN',56,'M',01638453273)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(8,34,'ALEX',34,'M',2563973627)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(9,6,'GAYLE',23,'F',01734264532)

INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES
(10,9,'JENIFFER',25,'F',018352654835)
```

SELECT \* FROM ARTIST **ART\_ARTIST:**

CREATE SEQUENCE AR\_ID

INCREMENT BY 1

START WITH 01

MAXVALUE 10;

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,234,12)
```

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,23,1)
```

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,34,1221)
```

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,4,44)
```

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,619,42)
```

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,456,66)
```

```
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,324,974)
```

# ART GALLERY MANAGEMENT SYSTEM

```

INSERT      INTO ART_ARTIST
(AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,123,876)           ART_ARTIST

INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,678,432)

INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,999,555)

INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,69,96)

SELECT * FROM ART_ARTIST

```

## OWNER ADDRESS:

CREATE SEQUENCE ID

INCREMENT BY 1

START WITH 01

MAXVALUE 10;

```

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','UTTARA');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','BANANI');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','KHILKHET');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','RAMPURA');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','BASHUNDHARA');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','GULSHAN');

INSERT INTO OWNER_ADDRESS(T_ID ,CITY ,COUNTRY ,LOCATION) VALUES
(ID.NEXTVAL,'RAJSHAJI','BANGLADESH','MALOPARA');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'RAJSHAJI','BANGLADESH','SHALBAGAN');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'RAJSHAJI','BANGLADESH','VODRA');

INSERT      INTO OWNER_ADDRESS(T_ID      ,CITY      ,COUNTRY      ,LOCATION)      VALUES
(ID.NEXTVAL,'DHAKA','BANGLADESH','UTTARA');

SELECT * FROM OWNER_ADDRESS

```

## OWNER:

## ART GALLERY MANAGEMENT SYSTEM

```
CREATE SEQUENCE O_ID
```

```
INCREMENT BY 1
```

```
START WITH 01
```

```
MAXVALUE 10;
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'MUJAHID RAJ',23,01796059406,1)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'ASMAUL HUSNA MAYAD',24,01786059401,2)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'ABDULLAH KHONDOKAR',25,01796359407,3)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'SARAH BINTE NEHA',21,01796051486,4)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'NADIYA NOOR',22,01776059411,5)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'ALIN DAS',23,01796052486,6)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'FIDBI HOSSAIN',27,0175679402,7)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'AKRAM ALI',36,01796059765,8)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'MOMIN ALI',29,01796059123,9)
```

```
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (10,'KUDDUS KHAN',30,01796059123,10)
```

```
SELECT * FROM OWNER
```

## ART GALLERY:

```
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (101,'JAHANGIRS','SHIBGANJ',1)
```

```
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (102,'AR GALLERY','SHIBGANJ',2)
```

```
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (103,'AKRAM ART GELLARY','SHIBGANJ',3)
```

# ART GALLERY MANAGEMENT SYSTEM

```

INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (104,'BE ONE ART','UTTARA',4)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (105,'YOURS ART ','DHAKA',5)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (106,'GALLERY NO 1','DHAKA',6)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (107,'NO ONE','GOMOSTAPUR',7)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (108,'SAVAGE ART','ROHANPUR',8)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (109,'HOUSE OF ART','BARISHAL',9)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (110,'JANES','SHEIKHTOLA',10)

```

SELECT \* FROM ART\_GALLERY **GALLERY**

## **VISITORS:**

```

INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (01,101,1)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (02,102,2)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (03,103,3)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (04,104,4)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (05,105,5)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (06,106,6)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (07,107,7)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (08,108,8)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (09,109,9)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (10,110,10)

```

SELECT \* FROM GALLERY\_VISITORS

## **AGE\_DATE:**

```

INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (10,23,'01-JAN-2001')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (11,23,'13-JAN-1999')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (12,29,'02-JAN-2000')

```

## ART GALLERY MANAGEMENT SYSTEM

```
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (13,26,'06-JUN-2001')  
AGE_DATE  
(AD_ID, AGE  
,DATE_OF_BIRTH) VALUES (13,26,'06-JUN-2001')  
  
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (14,25,'14-JAN-1998') INSERT  
INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (15,27,'09-FEB-2002')  
  
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (16,21,'10-JAN-1997')  
  
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (17,30,'23-NOV-2001')  
  
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (18,24,'01-JAN-2001') INSERT  
INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (19,22,'15-JAN-2001')
```

SELECT \* FROM AGE\_DATE **STUFF:**

CREATE TABLE STUFF

```
(S_ID NUMBER (10),SALARY NUMBER (10),NAME VARCHAR2(50),ADDRESS VARCHAR2 (50),  
PHONE_NUMBER NUMBER (12),AD_ID NUMBER (10) CONSTRAINT AD_ID_FK REFERENCES AGE_DATE  
(AD_ID),M_ID NUMBER (10) CONSTRAINT M_ID_FK REFERENCES MANAGER(M_ID),PRIMARY KEY (S_ID))  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(111,6000,'RAYHAN','DHAKA',016438386,11,10)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(112,6000,'SOHAN','DHANMONDI',017489233,12,20)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(113,6000,'KEKA','SANTIBAGH',018834053,13,30)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(114,6000,'EYAD','RAYERBAGH',019873450,14,40)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(115,6000,'LAM','UATTARA',016436234,15,50)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(116,6000,'RAINNA','KURIL',016438734,16,60)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(117,6000,'NOWSHIN','BASHUNDHARA',017238102,17,70)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES  
(118,6000,'AYOUN','UTTARA',018847983,18,80)  
  
INSERT INTO STUFF (S_ID,SALARY,NAME,ADDRESS ,PHONE_NUMBER , AD_ID,M_ID) VALUES
```

**ART GALLERY MANAGEMENT SYSTEM BY GROUP - 6**

**THA TAJA EQUA YI METSY TNEADANAM YAJALLA**

## ART GALLERY MANAGEMENT SYSTEM

(119,6000,'AUNTU','BANANI',017354854,19,90)

SELECT \* FROM STUFF

### **MANAGER:**

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(10,'MUJAHID RAJ',23,30000,'ACCOUNT MANAGER','UTTARA DHAKA',01796059406,1)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(20,'SIFAT AHMED',25,30000,'ACCOUNT MANAGER','KHILKHET DHAKA',01796059876,2)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(30,'MUJAHID SOJIB',26,30000,'ACCOUNT MANAGER','VODRA RAJSHAHI',01798759406,3)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(40,'MUJIN AHMED',43,50000,'ART-GALLERY MANAGER','RAMPURA DHAKA',01796059406,4)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(50,'FAHAD JOY',33,50000,'ART-GALLERY MANAGER','HABIGANJ SYLHET',01796059406,5)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(60,'AHMED KUDDUS',37,50000,'ART-GALLERY MANAGER','CHAPAI RAJSHAHI',01796059406,6)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(70,'ROSHID ALI',31,50000,'ART-GALLERY MANAGER','UTTARA DHAKA',01796059406,7)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(80,'ASLAM ALI',31,40000,'AUCTION MANAGER','GOMASTAPUR RANGPUR',01796059406,8)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(90,'SOMSHER ALI',31,40000,'AUCTION MANAGER','KHILKHET DHAKA',01796059406,9)

INSERT INTO MANAGER (M\_ID,NAME, AGE , SALARY, TYPE, ADDRESS, PHONE\_NUMBER,O\_ID) VALUES  
(100,'ROSHID KHAN',31,40000,'AUCTION MANAGER','PIRGANJ RANGPUR',01796059406,10)

SELECT \* FROM MANAGER

### **PAYMENT OF BUYER:**

CREATE SEQUENCE P\_ID

## ART GALLERY MANAGEMENT SYSTEM

INCREMENT BY 1

START WITH 102

MAXVALUE 110;

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(11, '5-JAN-2022', 5000, 'ONLINE BANKING', 23, 101)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(22, '6-JAN-2022', 5000, 'CASH', 43, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(33, '7-MAY-2020', 67000, 'ONLINE BAKING', 63, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(44, '2-JUNE-2022', 2500, 'CASH', 67, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(55, '31-DEC-2021', 5000, 'ONLINE BANKING', 56, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(66, '17-APR-2017', 45000, 'CASH', 11, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(77, '19-JAN-2018', 234000, 'CASH', 73, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(88, '23-JULY-2010', 5000, 'ONLINE BANKING', 69, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(99, '4-MAY-2011', 100000, 'CASH', 78, P_ID.NEXTVAL)
```

```
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE, AMOUNT, METHOD, CUSTOMER_ID, A_ID)
VALUES(619, '5-OCT-2013', 65000, 'CASH', 99, P_ID.NEXTVAL)
```

SELECT \* FROM PAYMENT\_OF\_BUYER **ART:**

CREATE SEQUENCE ART\_ID

INCREMENT BY 1

START WITH 101

MAXVALUE 110;

```
INSERT INTO ART (ART_NO, ART_NAME, ART_DATE, ART_PRICE, TYPE, GENRE, A_ID) VALUES (1, 'HOBBY', '5JAN-2022', 5000, 'COLORFUL', 'HORROR', ART_ID.NEXTVAL)
```

```
INSERT INTO ART (ART_NO, ART_NAME, ART_DATE, ART_PRICE, TYPE, GENRE, A_ID) VALUES (2, 'ANABELLE', '6-JAN-2022', 6000, 'MONOCHROME', 'MYSTERY', ART_ID.NEXTVAL)
```

```
INSERT INTO ART (ART_NO, ART_NAME, ART_DATE, ART_PRICE, TYPE, GENRE, A_ID) VALUES (3, 'POVERTY', '7-MAY-2020', 76000, 'COLORFUL', 'SADNESS', ART_ID.NEXTVAL)
```

## ART GALLERY MANAGEMENT SYSTEM

INSERT INTO ART

```
(ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID)      VALUES      (4,'BEAST','6JAN-2022',6000,'COLORFUL','ANIMATION',ART_ID.NEXTVAL)
```

```
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (5,'BEAUTY','19-JAN-2018',100000,'MONOCHROME','HAUNTING',ART_ID.NEXTVAL)
```

```
INSERT      INTO      ART      (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID)      VALUES      (6,'EMPTINESS','19-JULY-2021',4500,'MONOCHROME','SADNESS',ART_ID.NEXTVAL)
```

```
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (7,'WAR','5OCT-2013',300000,'COLORFUL','ACTION',ART_ID.NEXTVAL)
```

```
INSERT      INTO      ART      (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID)      VALUES      (8,'OPPONENT','17-DEC-2011',300000,'COLORFUL','CONTEST',ART_ID.NEXTVAL)
```

```
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (9,'LOVE','30JULY-2010',240000,'MONOCHROME','ROMANCE',ART_ID.NEXTVAL)
```

```
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (10,'TRAVEL','30-NOV-2021',234500,'COLORFUL','ADVENTURE',ART_ID.NEXTVAL)
```

SELECT \* FROM ART **EXIBITION:**

CREATE SEQUENCE ROOM\_NO

INCREMENT BY 1

START WITH 1

MAXVALUE 10

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'DHAKA',2,4,123)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'TANGAIL',3,6,456)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'CHITTAGONG',7,8,619)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'SYLHET',4,2,567)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'DHAKA',5,2,907)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'Mymensingh',6,2,8965)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'KHULNA',20,45,78)
```

```
INSERT      INTO      EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)      VALUES(ROOM_NO.NEXTVAL,'THAKUR GAO',50,23,5643)
```

## ART GALLERY MANAGEMENT SYSTEM

```
INSERT      INTO EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)
VALUES(ROOM_NO.NEXTVAL,'BARISHAL',100,453,6437)

INSERT      INTO EXIBITION(ROOM_NO,LOCATION,WATCH_TIME,NUMBER_OF_ART,A_ID)
VALUES(ROOM_NO.NEXTVAL,'RAJSHAHI',5,674,252)

SELECT * FROM EXIBITION
```

### **AUCTION:**

```
CREATE SEQUENCE AUC_ID
```

```
INCREMENT BY 1
```

```
START WITH 101
```

```
MAXVALUE 110
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(1,34,'5-AUG-2022','DHAKA','ALI',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(2,54,'5-JUN-2022','DHAKA','JAFAR',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(3,34,'10-SEP-2012','DHAKA','JARIF',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(4,66,'23-OCT-2018','DHAKA','KHONDOKER',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(5,34,'17-NOV-2022','DHAKA','MUJAHID RAJ',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(6,34,'25-DEC-2010','DHAKA','ALIN DAS',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(7,14,'1-JAN-2010','RANGPUR','NEHA ISLAM',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(8,45,'4-FEB-2021','DHAKA','MAYAD ',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(9,34,'12-MAR-2020','CHITTAGONG','ENAN CHOWDHURY',AUC_ID.NEXTVAL)
```

```
INSERT INTO AUCTION (AU_ID,TIME,AUCTION_DATE,AUCTION_LOCATION,AUCTIONEER_NAME,A_ID)
VALUES(10,60,'10-APR-2010','SYLHET','BUSHRA ',AUC_ID.NEXTVAL)
```

```
SELECT * FROM AUCTION
```

### **BUYER:**

## ART GALLERY MANAGEMENT SYSTEM

INSERT INTO

BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'ASLAM',20,01745379287,12,'12-JAN-2010',1)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'AMRIN SORONEY',23,01537289289,45,'15-FEB-2011',2)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'SOHANEY',38,01865538745,89,'21-MAY-2014',3)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'NAZMA',1,01711190550,39,'08-MAR-2015',4)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'ABDUR RAHIM',32,01578532456,65,'1-APR-2014',5)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'ABDUL JAKIR',2,01799383029,67,'17-SEP-2017',6)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'REJOAN',27,01435728262,56,'29-OCT-2018',7)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'RAJJAK',77,01715473637,24,'30-NOV-2019',8)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES  
(BU\_ID.NEXTVAL,'LAIJU KHATUN',23,01975648393,20,'6-MAY-2020',9)

INSERT INTO BUYER(BUYER\_ID,BUYER\_NAME,NO\_OF\_BID,B\_PHONE,B AGE,B\_DOB,AU\_ID) VALUES (11,'MOURI DAS',69,01769696965,1,'21-DEC-2022',10)

# ART GALLERY MANAGEMENT SYSTEM

## DATA INSERTION

### 1. STUFF

Home > SQL > SQL Commands

Autocommit

```
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (111,6000,'RAYHAN','DHAKA',016438386,11,10)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (112,6000,'SOHAN','DHANMONDI',017489233,12,20)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (113,6000,'KEKA','SANTIBAGH',018834053,13,30)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (114,6000,'EYAD','RAVERBAGH',019873450,14,40)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (115,6000,'LAM ','UTTARA',016436234,15,50)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (116,6000,'RAINA ',KURIL,016438734,16,60)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (117,6000,'NOWSHIN ',BASHUNDHARA,017238102,17,70)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (118,6000,'AYOUN ','UTTARA',018847983,18,80)
INSERT INTO STUFF (S_ID, SALARY, NAME, ADDRESS, PHONE_NUMBER , AD_ID,M_ID) VALUES (119,6000,'AUNTU ','BANANI',017354854,19,90)

SELECT * FROM STUFF
```

Results Explain Describe Saved SQL History

S_ID	SALARY	NAME	ADDRESS	PHONE_NUMBER	AD_ID	M_ID
111	6000	RAYHAN	DHAKA	16438386	11	10
112	6000	SOHAN	DHANMONDI	17489233	12	20
113	6000	KEKA	SANTIBAGH	18834053	13	30
114	6000	EYAD	RAVERBAGH	19873450	14	40
115	6000	LAM	UTTARA	16436234	15	50
116	6000	RAINA	KURIL	16438734	16	60
117	6000	NOWSHIN	BASHUNDHARA	17238102	17	70
118	6000	AYOUN	UTTARA	18847983	18	80
119	6000	AUNTU	BANANI	17354854	19	90

9 rows returned in 0.00 seconds [CSV Export](#)

Anilification Fvnsace 2 1 0 0 0 0 0

### 2. MANAGER

Home > SQL > SQL Commands

Autocommit

```
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (10,'MUJAHID RAJ',23,30000,'ACCOUNT MANAGER ','UTTARA DHAKA',01796059406,1)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (20,'SIFAT AHMED',25,30000,'ACCOUNT MANAGER ','KHILKHET DHAKA',01796059876,2)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (30,'MUJAHID SOJIB',26,30000,'ACCOUNT MANAGER ','VODRA RAJSHAHI',01798759406,3)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (40,'MUJIN AHMED',43,30000,'ART-GALLERY MANAGER ','RAMPURA DHAKA',01796059406,4)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (50,'FAHAD JOY',33,50000,'ART-GALLERY MANAGER ','HABIGANJ SYLHET',01796059406,5)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (60,'AHMED KUDDUS',37,50000,'ART-GALLERY MANAGER ','CHAPAI RAJSHAHI',01796059406,6)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (70,'ROSHID ALI',31,50000,'ART-GALLERY MANAGER ','UTTARA DHAKA',01796059406,7)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (80,'ASLAM ALI',31,40000,'AUCTION MANAGER ','GOMASTAPUR RANGPUR',01796059406,8)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (90,'SOMSHER ALI',31,40000,'AUCTION MANAGER ','KHILKHET DHAKA',01796059406,9)
INSERT INTO MANAGER (M_ID,NAME , AGE , SALARY, TYPE, ADDRESS, PHONE_NUMBER,O_ID) VALUES (100,'ROSHID KHAN',31,40000,'AUCTION MANAGER ','PIRGANJ RANGPUR',01796059406,10)

SELECT * FROM MANAGER
```

Results Explain Describe Saved SQL History

M_ID	NAME	AGE	SALARY	TYPE	ADDRESS	PHONE_NUMBER	O_ID
10	MUJAHID RAJ	23	30000	ACCOUNT MANAGER	UTTARA DHAKA	1796059406	1
20	SIFATHMED	25	30000	ACCOUNT MANAGER	KHILKHET DHAKA	1796059876	2
30	MUJAHID SOJIB	26	30000	ACCOUNT MANAGER	VODRA RAJSHAHI	01798759406	3
40	MUJIN AHMED	43	30000	ART-GALLERY MANAGER	RAMPURA DHAKA	01796059406	4
50	FAHAD JOY	33	50000	ART-GALLERY MANAGER	HABIGANJ SYLHET	01796059406	5
60	AHMED KUDDUS	37	50000	ART-GALLERY MANAGER	CHAPAI RAJSHAHI	01796059406	6
70	ROSHID ALI	31	50000	ART-GALLERY MANAGER	UTTARA DHAKA	1796059406	7
80	ASLAM ALI	31	40000	AUCTION MANAGER	GOMASTAPUR RANGPUR	1796059406	8
90	SOMSHER ALI	31	40000	AUCTION MANAGER	KHILKHET DHAKA	01796059406	9
100	ROSHID KHAN	31	40000	AUCTION MANAGER	PIRGANJ RANGPUR	01796059406	10

10 rows returned in 0.00 seconds [CSV Export](#)

Anilification Fvnsace 2 1 0 0 0 0 0

# ART GALLERY MANAGEMENT SYSTEM

## 3. AGE DATE

User AMR

Home > SQL > SQL Commands

Autocommit

```
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (10,23,'01-JAN-2001')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (11,23,'13-JAN-1999')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (12,29,'02-JAN-2000')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (13,26,'06-JUN-2001')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (14,25,'14-JAN-1998')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (15,27,'09-FEB-2002')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (16,21,'10-JAN-1997')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (17,30,'23-NOV-2001')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (18,24,'01-JAN-2001')
INSERT INTO AGE_DATE (AD_ID, AGE ,DATE_OF_BIRTH) VALUES (19,22,'15-JAN-2001')

SELECT * FROM AGE_DATE
```

Result Explain Describe Saved SQL History

AD_ID	AGE	DATE_OF_BIRTH
10	23	01-JAN-01
11	23	13-JAN-99
12	29	02-JAN-00
13	26	06-JUN-01
14	25	14-JAN-98
15	27	09-FEB-02
16	21	10-JAN-97
17	30	23-NOV-01
18	24	01-JAN-01
19	22	15-JAN-01

10 rows returned in 0.00 seconds [CSV Export](#)

## 4. OWNER

User AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE SEQUENCE O_ID
INCREMENT BY 1
START WITH 01
MAXVALUE 10;

INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'MUJAHID RAJ',23,01796059406,1)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'ASMAUL HUSNA MAYAD',24,01786059401,2)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'ABDULLAH KHONDDOKAR',25,01796359407,3)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'SARAH BINTE NEHA',21,01796051486,4)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'NADIYA NOOR',22,01776059411,5)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'ALIN DAS',23,01796052486,6)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'FIDBI HOSSAIN',27,0175679402,7)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'AKRAM ALI',36,01796059765,8)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (O_ID.NEXTVAL,'MOMIN ALI',29,01796059123,9)
INSERT INTO OWNER (O_ID,NAME, AGE ,PHONE_NUMBER,T_ID) VALUES (10,'KUDDUS KHAN',30,01796059123,10)

SELECT * FROM OWNER
```

Results Explain Describe Saved SQL History

O_ID	NAME	AGE	PHONE_NUMBER	T_ID
1	MUJAHID RAJ	23	1796059406	1
2	ASMAUL HUSNA MAYAD	24	1786059401	2
3	ABDULLAH KHONDDOKAR	25	1796359407	3
4	SARAH BINTE NEHA	21	1796051486	4
5	NADIYA NOOR	22	1776059411	5
6	ALIN DAS	23	1796052486	6
7	FIDBI HOSSAIN	27	175679402	7
8	AKRAM ALI	36	01796059765	8
9	MOMIN ALI	29	01796059123	9
10	KUDDUS KHAN	30	01796059123	10

10 rows returned in 0.02 seconds [CSV Export](#)

# ART GALLERY MANAGEMENT SYSTEM

## 5. OWNER\_ADDRESS

User AMR

Home > SQL > SQL Commands

```
 Autocommit Display 10  
```

```
CREATE SEQUENCE ID
INCREMENT BY 1
START WITH 01
MAXVALUE 10;

INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','UTTARA');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','BANANI');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','KHLKHET');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','RAMPURA');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','BASHUNDHARA');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','GULSHAN');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'RAJSHAHI','BANGLADESH','MALOPARA');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'RAJSHAHI','BANGLADESH','SHALBAGAN');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'RAJSHAHI','BANGLADESH','VODRA');
INSERT INTO OWNER_ADDRESS(T_ID ,CITY , COUNTRY ,LOCATION) VALUES (ID.NEXTVAL,'DHAKA','BANGLADESH','UTTARA');
SELECT * FROM OWNER_ADDRESS
```

Results Explain Describe Saved SQL History

T_ID	CITY	COUNTRY	LOCATION
1	DHAKA	BANGLADESH	UTTARA
2	DHAKA	BANGLADESH	BANANI
3	DHAKA	BANGLADESH	KHLKHET
4	DHAKA	BANGLADESH	RAMPURA
5	DHAKA	BANGLADESH	BASHUNDHARA
6	DHAKA	BANGLADESH	GULSHAN
7	RAJSHAHI	BANGLADESH	MALOPARA
8	RAJSHAHI	BANGLADESH	SHALBAGAN
9	RAJSHAHI	BANGLADESH	VODRA
10	DHAKA	BANGLADESH	UTTARA

10 rows returned in 0.00 seconds [CSV Export](#)

Application Express 2.1.0.0.39

## 6. ART GALLERY

User AMR

Home > SQL > SQL Commands

```
 Autocommit Display 10  
```

```
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (101,'JAHANGIRS','SHIBGANJ',1)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (102,'AR GALLERY','SHIBGANJ',2)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (103,'AKRAM ART GELLARY','SHIBGANJ',3)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (104,'BE ONE ART','UTTARA',4)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (105,'YOURS ART ','DHAKA',5)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (106,'GALLERY NO 1','DHAKA',6)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (107,'NO ONE','GOMOSTAPUR',7)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (108,'SAVAGE ART ','ROHANPUR',8)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (109,'HOUSE OF ART ','BARISHAL',9)
INSERT INTO ART_GALLERY (A_ID,NAME,LOCATION ,O_ID) VALUES (110,'JANES ','SHEIKHTOLA',10)

SELECT * FROM ART_GALLERY
```

Results Explain Describe Saved SQL History

A_ID	NAME	LOCATION	O_ID
101	JAHANGIRS	SHIBGANJ	1
102	AR GALLERY	SHIBGANJ	2
103	AKRAM ART GELLARY	SHIBGANJ	3
104	BE ONE ART	UTTARA	4
105	YOURS ART	DHAKA	5
106	GALLERY NO 1	DHAKA	6
107	NO ONE	GOMOSTAPUR	7
108	SAVAGE ART	ROHANPUR	8
109	HOUSE OF ART	BARISHAL	9
110	JANES	SHEIKHTOLA	10

10 rows returned in 0.00 seconds [CSV Export](#)

## 7.GALLERY

# ART GALLERY MANAGEMENT SYSTEM

## VISITORS

User AMR

Home > SQL > SQL Commands

Autocommit Display 10

```
CREATE TABLE GALLERY_VISITORS (AP_ID NUMBER(5), A_ID NUMBER(5), PASS_ID NUMBER(5) , PRIMARY KEY (AP_ID));

INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (01,101,1)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (02,102,2)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (03,103,3)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (04,104,4)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (05,105,5)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (06,106,6)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (07,107,7)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (08,108,8)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (09,109,9)
INSERT INTO GALLERY_VISITORS (AP_ID,A_ID,PASS_ID) VALUES (10,110,10)

SELECT * FROM GALLERY_VISITORS
```

Results Explain Describe Saved SQL History

AP_ID	A_ID	PASS_ID
1	101	1
2	102	2
3	103	3
4	104	4
5	105	5
6	106	6
7	107	7
8	108	8
9	109	9
10	110	10

10 rows returned in 0.00 seconds [CSV Export](#)

Application Express 2.1.0.00.39

## 8.ART

User AMR

Home > SQL > SQL Commands

Autocommit Display 10

```
CREATE SEQUENCE ART_ID
INCREMENT BY 1
START WITH 101
MAXVALUE 110;

INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (1,'HOBBY','5-JAN-2022',5000,'COLORFUL','HORROR',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (2,'ANABELLE','6-JAN-2022',6000,'MONOCHROME','MYSTERY',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (3,'POVERTY ','7-MAY-2020',76000,'COLORFUL','SADNESS',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (4,'BEAST ',6-JAN-2022,6000,'COLORFUL','ANIMATION',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (5,'BEAUTY ','19-JAN-2018',100000,'MONOCHROME','HAUNTING',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (6,'EMPTINESS ','19-JULY-2021',4500,'MONOCHROME','SADNESS',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (7,'WAR ','5-OCT-2013',300000,'COLORFUL','ACTION',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (8,'OPPONENT ','17-DEC-2011',300000,'COLORFUL','CONTEST',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (9,'LOVE ','30-JULY-2010',240000,'MONOCHROME','ROMANCE',ART_ID.NEXTVAL)
INSERT INTO ART (ART_NO,ART_NAME,ART_DATE,ART_PRICE,TYPE,GENRE,A_ID) VALUES (10,'TRAVEL ','30-NOV-2021',234500,'COLORFUL','ADVENTURE',ART_ID.NEXTVAL)
SELECT * FROM ART
```

Results Explain Describe Saved SQL History

ART_NO	ART_NAME	ART_DATE	ART_PRICE	TYPE	GENRE	A_ID
1	HOBBY	05-JAN-22	5000	COLORFUL	HORROR	101
2	ANABELLE	06-JAN-22	6000	MONOCHROME	MYSTERY	102
3	POVERTY	07-MAY-20	76000	COLORFUL	SADNESS	103
4	BEAST	06-JAN-22	6000	COLORFUL	ANIMATION	104
5	BEAUTY	19-JAN-18	100000	MONOCHROME	HAUNTING	105
6	EMPTINESS	19-JUL-21	4500	MONOCHROME	SADNESS	106
7	WAR	05-OCT-13	300000	COLORFUL	ACTION	107
8	OPPONENT	17-DEC-11	300000	COLORFUL	CONTEST	108
9	LOVE	30-JUL-10	240000	MONOCHROME	ROMANCE	109
10	TRAVEL	30-NOV-21	234500	COLORFUL	ADVENTURE	110

10 rows returned in 0.00 seconds [CSV Export](#)

# ART GALLERY MANAGEMENT SYSTEM

## 9.GUIDES

Autocommit Display 10 Save Run

```
CREATE SEQUENCE G_ID
INCREMENT BY 1
START WITH 01
MAXVALUE 100;
DROP SEQUENCE G_ID
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'ABDULLAH',1,10000,1234567)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'ABDULLA',2,30000,1234467)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'NEHA',2,20000,4367783)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'RAJ',12,4000,134567)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'MAYAD',4,30000,12367)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'MANHA',8,320000,1457)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'ALIF',45,100400,463673)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'FARHAN',45,50000,77)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'ALIN',1,100,12341347)
INSERT INTO GUIDES (G_ID,G_NAME,SECTION,SALARY,PHONE_NUMBER) VALUES (G_ID.NEXTVAL,'ALEX',1,132000,4567)
SELECT * FROM GUIDES
```

Results Explain Describe Saved SQL History CSV Export

G_ID	G_NAME	SECTION	SALARY	PHONE_NUMBER
1	ABDULLAH	1	10000	1234567
2	NEHA	2	20000	4367783
3	RAJ	12	4000	134567
4	ABDULLA	2	30000	1234467
5	MAYAD	4	30000	12367
6	MANHA	8	320000	1457
7	ALIF	45	100400	463673
8	FARHAN	45	50000	77
9	ALIN	1	100	12341347
10	ALEX	1	132000	4567

10 rows returned in 0.00 seconds CSV Export

## 10.ARTIST

User AMR  
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

```
DESC ARTIST
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (1,34,'DA VINCHI',88,'M',0174536272)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (2,23,'JOYNUL ABEDIN',12,'M',01624638523)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (3,12,'MAYAD',21,'F',016734728526)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (4,1,'NEHA',22,'F',01634627827)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (5,1,'ABDULLAH',23,'M',01743252585)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (6,2,'RAJ',19,'M',04537253793)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (7,4,'ALIN',56,'M',01638453273)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (8,34,'ALEX',34,'M',2563973627)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (9,6,'GAYLE',23,'F',01734264532)
INSERT INTO ARTIST (ARTIST_ID,NUMBER_OF_PAINTING,NAME,AGE,GENDER,PHONE_NUMBER) VALUES (10,9,'JENIFFER',25,'F',018352654835)

SELECT * FROM ARTIST
```

Results Explain Describe Saved SQL History CSV Export

ARTIST_ID	NUMBER_OF_PAINTING	NAME	AGE	GENDER	PHONE_NUMBER
1	34	DA VINCHI	88	M	0174536272
2	23	JOYNULABEDIN	12	M	01624638523
3	12	MAYAD	21	F	016734728526
4	1	NEHA	22	F	01634627827
5	1	ABDULLAH	23	M	01743252585
6	2	RAJ	19	M	04537253793
7	4	ALIN	56	M	01638453273
8	34	ALEX	34	M	2563973627
10	9	JENIFFER	25	F	018352654835

9 rows returned in 0.00 seconds CSV Export

Application Express 2.1.0.00.39  
Copyright © 1999-2006 Oracle. All rights reserved.

# ART GALLERY MANAGEMENT SYSTEM

## 11. AUCTION

User: AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE SEQUENCE AUC_ID
INCREMENT BY 1
START WITH 101
MAXVALUE 110

INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(1, 34, '5-AUG-2022', 'DHAKA', 'ALI', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(2, 54, '5-JUN-2022', 'DHAKA', 'JAFAR', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(3, 34, '10-SEP-2012', 'DHAKA', 'JARIF', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(4, 66, '23-OCT-2018', 'DHAKA', 'KHONDOKER', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(5, 34, '17-NOV-2022', 'DHAKA', 'MUJAHID RAJ', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(6, 34, '25-DEC-2010', 'DHAKA', 'ALIN DAS', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(7, 14, '1-JAN-2010', 'RANGPUR', 'NEHA ISLAM', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(8, 45, '4-FEB-2021', 'DHAKA', 'MAYAD', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(9, 34, '12-MAR-2020', 'CHITTAGONG', 'ENAN CHOWDHURY', AUC_ID.NEXTVAL)
INSERT INTO AUCTION (AU_ID, TIME, AUCTION_DATE, AUCTION_LOCATION, AUCTIONEER_NAME, A_ID) VALUES(10, 60, '10-APR-2010', 'SYLHET', 'BUSHRA', AUC_ID.NEXTVAL)
SELECT * FROM AUCTION
```

Results Explain Describe Saved SQL History

AU_ID	TIME	AUCTION_DATE	AUCTION_LOCATION	AUCTIONEER_NAME	A_ID
1	34	05-AUG-22	DHAKA	ALI	101
2	54	05-JUN-22	DHAKA	JAFAR	102
3	34	10-SEP-12	DHAKA	JARIF	103
4	66	23-OCT-18	DHAKA	KHONDOKER	104
5	34	17-NOV-22	DHAKA	MUJAHID RAJ	105
6	34	25-DEC-10	DHAKA	ALIN DAS	106
7	14	01-JAN-10	RANGPUR	NEHA ISLAM	107
8	45	04-FEB-21	DHAKA	MAYAD	108
9	34	12-MAR-20	CHITTAGONG	ENAN CHOWDHURY	109
10	60	10-APR-10	SYLHET	BUSHRA	110

10 rows returned in 0.00 seconds

[CSV Export](#)

## 12. EXHIBITION

User: AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE SEQUENCE ROOM_NO
INCREMENT BY 1
START WITH 1
MAXVALUE 10

INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'DHAKA', 2, 4, 123)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'TANGAIL', 3, 6, 456)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'CHITTAGONG', 7, 8, 619)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'SYLHET', 4, 2, 567)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'DHAKA', 5, 2, 907)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'MYMENSINGH', 6, 2, 8965)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'KHULNA', 20, 45, 78)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'THAKUR GAO', 50, 23, 5643)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'BARISHAL', 100, 453, 6437)
INSERT INTO EXHIBITION(ROOM_NO, LOCATION, WATCH_TIME, NUMBER_OF_ART, A_ID) VALUES(ROOM_NO.NEXTVAL, 'RAJSHAHI', 5, 674, 252)
SELECT * FROM EXHIBITION
```

Results Explain Describe Saved SQL History

ROOM_NO	LOCATION	WATCH_TIME	NUMBER_OF_ART	A_ID
1	DHAKA	2	4	123
2	TANGAIL	3	6	456
3	CHITTAGONG	7	8	619
4	SYLHET	4	2	567
5	DHAKA	5	2	907
6	MYMENSINGH	6	2	8965
7	KHULNA	20	45	78
8	THAKUR GAO	50	23	5643
9	BARISHAL	100	453	6437
10	RAJSHAHI	5	674	252

10 rows returned in 0.00 seconds

[CSV Export](#)

# ART GALLERY MANAGEMENT SYSTEM

## 13. PAYMENTS OF BUYER

User AMR

Home > SQL > SQL Commands

Autocommit

```

CREATE SEQUENCE P_ID
INCREMENT BY 1
START WITH 102
MAXVALUE 110;
DROP SEQUENCE P_ID
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(11,'5-JAN-2022',5000,'ONLINE BANKING',23,101)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(22,'6-JAN-2022',5000,'CASH',43,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(33,'7-MAY-2020',67000,'ONLINE BAKING',63,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(44,'2-JUNE-2022',2500,'CASH',67,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(55,'31-DEC-2021',5000,'ONLINE BANKING',56,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(66,'17-APR-2017',45000,'CASH',11,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(77,'19-JAN-2018',234000,'CASH',73,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(88,'23-JULY-2019',5000,'ONLINE BAKING',69,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(99,'4-MAY-2011',100000,'CASH',78,P_ID.NEXTVAL)
INSERT INTO PAYMENT_OF_BUYER (P_ID, PAYMENT_DATE,AMOUNT,METHOD,CUSTOMER_ID,A_ID) VALUES(619,'5-OCT-2013',65000,'CASH',99,P_ID.NEXTVAL)
SELECT * FROM PAYMENT_OF_BUYER

```

Results Explain Describe Saved SQL History

P_ID	PAYMENT_DATE	AMOUNT	METHOD	CUSTOMER_ID	A_ID
11	05-JAN-22	5000	ONLINE BANKING	23	101
22	06-JAN-22	5000	CASH	43	102
33	07-MAY-20	67000	ONLINE BAKING	63	103
44	02-JUN-22	2500	CASH	67	104
55	31-DEC-21	5000	ONLINE BANKING	56	105
66	17-APR-17	45000	CASH	11	106
77	19-JAN-18	234000	CASH	73	107
88	23-JUL-19	5000	ONLINE BANKING	69	108
99	04-MAY-11	100000	CASH	78	109
619	05-OCT-13	65000	CASH	99	110

10 rows returned in 0.00 seconds [CSV Export](#)

## 14. VISITORS

User AMR

Home > SQL > SQL Commands

Autocommit

```

CREATE SEQUENCE V_ID
INCREMENT BY 1
START WITH 01
MAXVALUE 100;
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(1,'ABDULLAH',01743252585,'BAG',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(2,'NEHA',01743252456,'PURSE',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(3,'MAYAD',01743252346,'MOBILE',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(4,'RAJ',017472523432,'BAG',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(5,'NAIHA',01711190550,'BOTTLE',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(6,'ALIF',01799383029,'SHIRT',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(7,'ALIN',01721004206,'PANT',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(8,'SALMAN KHAN',99127282,'HOUSE',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(9,'SHAH RUKH',12384568312,'BAG',V_ID.NEXTVAL)
INSERT INTO VISITORS (PASS_ID,NAME,PHONE_NUMBER,SUBMITTED_ACCESSORIES,G_ID) VALUES(10,'TOM CRUZE',0179625962,'PURSE',3)
SELECT * FROM VISITORS

```

Results Explain Describe Saved SQL History

PASS_ID	NAME	PHONE_NUMBER	SUBMITTED_ACCESSORIES	G_ID
1	ABDULLAH	1743252585	BAG	1
2	NEHA	1743252456	PURSE	2
5	MANHA	1711190550	BOTTLE	6
3	MAYAD	01743252346	MOBILE	4
4	RAJ	017472523432	BAG	5
6	ALIF	01799383029	SHIRT	7
7	ALIN	01721004206	PANT	8
8	SALMAN KHAN	99127282	HOUSE	9
9	SHAH RUKH	12384568312	BAG	10
10	TOM CRUZE	0179625962	PURSE	3

10 rows returned in 0.00 seconds [CSV Export](#)

Application Express 21.0.0.39

# ART GALLERY MANAGEMENT SYSTEM

## 15.ART

## ARTIST

User AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE SEQUENCE AR_ID
INCREMENT BY 1
START WITH 01
MAXVALUE 10;
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,234,12)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,23,1)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,34,1221)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,4,44)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,619,42)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,456,66)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,324,974)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,123,876)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,678,432)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,999,555)
INSERT INTO ART_ARTIST (AR_ID,ART_NO,ARTIST) VALUES(AR_ID.NEXTVAL,69,96)
SELECT * FROM ART_ARTIST
```

AR_ID	ART_NO	ARTIST
1	234	12
2	23	1
3	34	1221
4	4	44
5	619	42
6	456	66
7	324	974
8	678	432
9	999	555
10	69	96

10 rows returned in 0.00 seconds [CSV Export](#)

Language: en-us Application Express 2.1.0.0.39 Copyright © 1999, 2006, Oracle. All rights reserved.

## 16.BUYER

User AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE SEQUENCE BU_ID
INCREMENT BY 1
MAXVALUE 10;
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'ASLAM',20,01745379287,12,'12-JAN-2010',1)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'AMRIN SORONEY',23,01537289289,45,'15-FEB-2011',2)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'SOHANEY',38,01865538745,89,'21-MAY-2014',3)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'NAZMA',1,0171190550,39,'08-MAR-2015',4)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'ABDUR RAHIM',32,01578532456,65,'1-APR-2014',5)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'ABDUL JAKIR',2,01799383029,67,'17-SEP-2017',6)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'REJOAN',27,01435728262,56,'29-OCT-2018',7)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (BU_ID.NEXTVAL,'RAJJAK',77,01715473637,24,'30-NOV-2019',8)
INSERT INTO BUYER(BUYER_ID,BUYER_NAME,NO_OF_BID,B_PHONE,B_AGE,B_DOB,AU_ID) VALUES (11,'MOURI DAS',69,01769696965,1,'21-DEC-2022',10)
SELECT * FROM BUYER
```

BUYER_ID	BUYER_NAME	NO_OF_BID	B_PHONE	B_AGE	B_DOB	AU_ID
10	LAJU KHATUN	23	1975648393	20	06-MAY-20	9
11	MOURI DAS	69	1769696965	1	21-DEC-22	10
2	ASLAM	20	1745379287	12	12-JAN-10	1
3	AMRIN SORONEY	23	1537289289	45	15-FEB-11	2
4	SOHANEY	38	01865538745	89	21-MAY-14	3
5	NAZMA	1	171190550	39	08-MAR-15	4
6	ABDUR RAHIM	32	01578532456	65	1-APR-2014	5
7	ABDUL JAKIR	2	01799383029	67	17-SEP-17	6
8	REJOAN	27	01435728262	56	29-OCT-18	7
9	RAJJAK	77	01715473637	24	30-NOV-19	8

10 rows returned in 0.00 seconds [CSV Export](#)

## QUERY WRITING

### SUBQUERY :

# ART GALLERY MANAGEMENT SYSTEM

## 1. Display

the name

and salary for all managers who earn more than manager number 30 Answer : select name, salary from manager where salary > (select salary from manager where

m\_id=30

User: AMR  
Home > SQL > SQL Commands  
Autocommit: checked, Display: 1000, Save, Run  
1.Display the name and salary for all managers who earn more than manager number 30  
select name, salary from manager where salary > (select salary from manager where m\_id=30)

Results Explain Describe Saved SQL History  
NAME SALARY  
AHMED KUDDUS 50000  
ROSHID ALI 50000  
ROSHID KHAN 40000  
MUJIN AHMED 50000  
FAHAD JOY 50000  
ASLAM ALI 40000  
SOMSHER ALI 40000  
7 rows returned in 0.00 seconds CSV Export

2 . Display the name and salary of all guides who's job section is greater then guide name

Raj.

Answer : select g\_name,salary from guides where section > (select section from guides where g\_name='RAJ')

User: AMR  
Home > SQL > SQL Commands  
Autocommit: checked, Display: 1000, Save, Run  
2 . Display the name and salary of all guides who's job section is greater then guide name Raj.  
select g\_name,salary from guides where section > (select section from guides where g\_name='RAJ')

Results Explain Describe Saved SQL History  
G\_NAME SALARY  
ALIF 100400  
FARHAN 50000  
2 rows returned in 0.00 seconds CSV Export

3. Display the name and age of all owner who's age is less then owner name FIDBI HOSSAIN.

Answer: select name,age from owner where age < (select age from owner where name='FIDBI HOSSAIN')

# ART GALLERY MANAGEMENT SYSTEM

User: AMR  
Home > SQL > SQL Commands  
 Autocommit Display 1000

```
3. Display the name and age of all owner who's age is less than owner name FIDBI HOSSAIN.  
select name,age from owner where age < (select age from owner where name='FIDBI HOSSAIN')
```

Results Explain Describe Saved SQL History

NAME	AGE
MUJAHID RAJ	23
ASMAUL HUSNA MAYAD	24
ABDULLAH KHONDOKAR	25
SARAH BINTE NEHA	21
NADIYA NOOR	22
ALIN DAS	23

6 rows returned in 0.00 seconds [CSV Export](#)

4. Display the name, age and number of art of all artist who's number of art is less than the artist name RIAYAZ.

Answer : select name,age ,number\_of\_painting from artist where number\_of\_painting < (select number\_of\_painting from artist where name='RIAYAZ')

User: AMR  
Home > SQL > SQL Commands  
 Autocommit Display 1000

```
3. Display the name, age and number of art of all artist who's number of art is less than the artist name RIAYAZ.  
select name,age ,number_of_painting from artist where number_of_painting < (select number_of_painting from artist where name='RIAYAZ')
```

Results Explain Describe Saved SQL History

no data found

5. Display the name, salary and address of all stuff who's salary is equal to the stuff who lived in uttara.

select name,salary , address from stuff where salary =(select salary from stuff where address='UTTARA')

# ART GALLERY MANAGEMENT SYSTEM

The screenshot shows a MySQL command-line interface with the following details:

- User: ANIK
- Home > SQL > SQL Commands
- SQL Command:  
5. Display the name, salary and address of all stuff who's salary is equal to the stuff who lived in uttara.  
select name,salary , address from stuff where salary =(select salary from stuff where address='UTTARA')
- Buttons: Save, Run
- Results:

NAME	SALARY	ADDRESS
RAYHAN	6000	DHAKA
EYAD	6000	AYERBAGH
LAM	6000	UATTARA
RAINA	6000	KURIL
NOWSHIN	6000	BASHUNDHARA
AYOUN	6000	UTTARA
SOHAN	6000	DHAMMONDI
KEKA	6000	SANTIBAGH
AJNTU	6000	BANANI
- Text: 9 rows returned in 0.00 seconds
- Links: CSV Export

## SUQUENCE :

1. CREATE SEQUENCE STUFF\_ID

INCREMENT BY 1

START WITH 1

MAXVALUE 10

NOCACHE

NOCYCLE

# ART GALLERY MANAGEMENT SYSTEM

User AMR

Home > SQL > **SQL Commands**

Autocommit

```
1. CREATE SEQUENCE STUFF_ID
INCREMENT BY 1
START WITH 1
MAXVALUE 10
NOCACHE
NOCYCLE
```

Results Explain Describe Saved SQL History

Sequence created.

0.00 seconds

2. CREATE SEQUENCE OWNER\_ID

INCREMENT BY 5

START WITH 55

MAXVALUE 100

NOCACHE

NOCYCLE

# ART GALLERY MANAGEMENT SYSTEM

User: AMR

Home > SQL > **SQL Commands**

Autocommit Display 1000 **Save** **Run**

```
1. CREATE SEQUENCE OWNER_ID
INCREMENT BY 5
START WITH 55
MAXVALUE 100
NOCACHE
NOCYCLE
```

**Results Explain Describe Saved SQL History**

Sequence created.

0.02 seconds

## VIEW:

1 . create or replace view owner\_info as select o\_id,name ,age from owner where O\_id=3

Home > SQL > **SQL Commands**

Autocommit Display 1000 **Save** **Run**

```
create or replace view owner_info as select o_id,name ,age from owner where O_id=3
```

**Results Explain Describe Saved SQL History**

View created.

0.01 seconds

2 create or replace view visitors\_info as select name , phone\_number , submitted\_accessories from visitors  
where name='ABDULLAH'

# ART GALLERY MANAGEMENT SYSTEM

User: AMR  
Home > SQL > SQL Commands  
Autocommit Display 1000 Save Run  
create or replace view visitors\_info as select name , phone\_number , submitted\_accessories from visitors where name='ABDULLAH'  
Results Explain Describe Saved SQL History  
View created.  
0.02 seconds

## SINGLE ROW FUNCTION:

1.write a query to increment salary by 15% of all the staffs.

Ans: `SELECT name,to_char(1.15*salary,'$99,999') AS "Salary" from STUFF;`

User: AMR  
Home > SQL > SQL Commands  
Autocommit Display 10 Save Run  
1.write a query to increment salary by 15% of all the staffs.  
Ans: `SELECT name,to_char(1.15*salary,'$99,999') AS "Salary" from STUFF;`  
Results Explain Describe Saved SQL History  
NAME Salary  
RAYHAN \$8,900  
EYAD \$8,900  
LAM \$8,900  
RAINA \$8,900  
NOWSHIN \$8,900  
AYOUN \$8,900  
SOHAN \$8,900  
KEKA \$8,900  
AUNTU \$8,900  
9 rows returned in 0.00 seconds CSV Export

2.write a query to concat name and address of all staffs that have M\_ID less than 70

# ART GALLERY MANAGEMENT SYSTEM

Ans: select

CONCAT(NAME,ADDRESS) FROM STUFF WHERE M\_ID<70

User AMR  
Home > SQL > SQL Commands  
Autocommit Display 10 Save Run  
2.write a query to concat name and address of all staffs that have M\_ID less than 70  
Ans: select CONCAT(NAME,ADDRESS) FROM STUFF WHERE M\_ID<70  
Results Explain Describe Saved SQL History  
CONCAT(NAME,ADDRESS)  
RAYANDHAKA  
EYADAYERBAGH  
LAMUATTARA  
RAJNAKURIL  
SOHANDHANMONDI  
KEKASANTIBAGH  
6 rows returned in 0.00 seconds CSV Export

3.write a query to lower case the name of staff having 16 no A\_ID

Ans: select initcap(name) from STUFF where AD\_ID = 16

User AMR  
Home > SQL > SQL Commands  
Autocommit Display 10 Save Run  
3.write a query to lower case the name of staff having 16 no A\_ID  
Ans: select initcap(name) from STUFF where AD\_ID = 16  
Results Explain Describe Saved SQL History  
INITCAP(NAME)  
Raina  
1 rows returned in 0.00 seconds CSV Export

4.write a query about the current date and time as weeks from payment\_of\_buyer table

Ans: SELECT P\_ID , (SYSDATE-PAYMENT\_DATE)/7 AS WEEKS FROM PAYMENT\_OF\_BUYER

# ART GALLERY MANAGEMENT SYSTEM

User: AMR

Home > SQL > SQL Commands

Autocommit   Display: 10   Save   Run

```
4.write a query about the current date and time as weeks from payment_of_buyer table
Ans: SELECT P_ID , (SYSDATE-PAYOUT_DATE)/7 AS WEEKS FROM PAYMENT_OF_BUYER
```

Results   Explain   Describe   Saved SQL   History

P_ID	WEEKS
11	48.5709871031746031746031746031746031746031746
22	48.4281296031746031746031746031746031746
33	135.4281296031746031746031746031746031746
519	479.14245674603174603174603174603174603174603
44	27.4281296031746031746031746031746031746031746
55	49.2852728174603174603174603174603174603174603
66	294.886701388888888888888888888888888888888888889
77	255.28527281746031746031746031746031746031746031748
88	646.28527281746031746031746031746031746031746031748
99	605.570987103174603174603174603174603175

10 rows returned in 0.00 seconds   [CSV Export](#)

5.write a query to determine the months between specified dates

Ans.SELECT MONTHS\_BETWEEN ('19-JAN-18','6-JAN-22') FROM PAYMENT\_OF\_BUYER

User: AMR

Home > SQL > SQL Commands

Autocommit   Display: 10   Save   Run

```
5.write a query to determine the months between specified dates
Ans:SELECT MONTHS_BETWEEN ('19-JAN-18','6-JAN-22') FROM PAYMENT_OF_BUYER
```

Results   Explain   Describe   Saved SQL   History

MONTHS_BETWEEN('19-JAN-18','6-JAN-22')
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045
-47.580645161290322880045161290322880045

10 rows returned in 0.00 seconds   [CSV Export](#)

Apache Tomcat/9.0.40 (GlassFish Express 2.1) @ 00:10

# ART GALLERY MANAGEMENT SYSTEM

## GROUP FUNCTION:

1.write a query to show max watch time for exhibition

Ans: select max(watch\_time) from EXIBITION

User AMR  
Home > SQL > SQL Commands  
Autocommit Display 10 Save Run  
1. write a query to show max watch time for exhibition  
Ans: select max(watch\_time) from EXIBITION  
Results Explain Describe Saved SQL History  
MAX(WATCH\_TIME)  
100  
1 rows returned in 0.00 seconds CSV Export

2.write the LOCATION,average number of art from exhibition table

Ans: select AVG(NUMBER\_OF\_ART) from EXIBITION GROUP BY LOCATION

User AMR  
Home > SQL > SQL Commands  
Autocommit Display 10 Save Run  
2. write the LOCATION,average number of art from exhibition table  
Ans: select AVG(NUMBER\_OF\_ART) from EXIBITION GROUP BY LOCATION  
Results Explain Describe Saved SQL History  
AVG(NUMBER\_OF\_ART)  
6  
45  
453  
2  
2  
6  
3  
23  
674  
9 rows returned in 0.02 seconds CSV Export

# ART GALLERY MANAGEMENT SYSTEM

3.write the sum a\_id of all the rooms in exhibition table

Ans:SELECT SUM(A\_ID) FROM EXIBITION

User AMR  
Home > SQL > SQL Commands  
Autocommit Display [10] Save Run  
3.write the sum a\_id of all the rooms in exhibition table  
Ans:SELECT SUM(A\_ID) FROM EXIBITION  
Results Explain Describe Saved SQL History  
SUM(A\_ID)  
24047  
1 rows returned in 0.00 seconds CSV Export

4.write a query to show the total rows in the guides table having 45 no. section

Ans:select COUNT(salary) from GUIDES WHERE SECTION = 45

User AMR  
Home > SQL > SQL Commands  
Autocommit Display [10] Save Run  
4.write a query to show the total rows in the guides table having 45 no. section  
Ans:select COUNT(salary) from GUIDES WHERE SECTION = 45  
Results Explain Describe Saved SQL History  
COUNT(SALARY)  
2  
1 rows returned in 0.02 seconds CSV Export

# ART GALLERY MANAGEMENT SYSTEM

5.write a query to show the minimum salary and name of table GUIDES

Ans: select min(salary) from GUIDES group by G\_NAME

## JOINING:

### EQUI JOIN:

#### EQUI JOIN 1 :

Autocommit Display 10 Save Run

```
EQUI JOIN:
1.SELECT OWNER.NAME,ART_GALLERY.LOCATION FROM OWNER ,ART_GALLERY WHERE OWNER.O_ID = ART_GALLERY.O_ID
2.|
```

Results Explain Describe Saved SQL History

NAME	LOCATION
MUJAHID RAJ	SHIBGANJ
ASMAUL HUSNA MAYAD	SHIBGANJ
ABDULLAH KHONDOKAR	SHIBGANJ
SARAH BINTE NEHA	UTTARA
NADIYA NOOR	DIHAKA
ALIN DAS	DIHAKA
FIDBI HOSSAIN	GOMOSTAPUR
AKRAM ALI	ROHANPUR
MOMIN ALI	BARISHAL
KUDDUS KHAN	SHEIKHTOLA

10 rows returned in 0.00 seconds CSV Export

#### EQUI JOIN 02 :

User AMR Home > SQL > SQL Commands Save Run

Autocommit Display 10

```
CREATE TABLE VISITORS (PASS_ID NUMBER (5), NAME VARCHAR2 (50), PHONE_NUMBER NUMBER (12), SUBMITTED_ACCESSORIES VARCHAR2 (50),G_ID NUMBER (5) CONSTRAINT G_ID_FK REFERENCES GUIDES (G_ID),PRIMARY KEY (PASS_ID));
CREATE TABLE GUIDES (G_ID NUMBER (5),G_NAME VARCHAR2 (50),SECTION NUMBER (5), SALARY NUMBER (10), PHONE_NUMBER NUMBER (12),PRIMARY KEY (G_ID));

EQUI JOIN:
1.SELECT OWNER.NAME,ART_GALLERY.LOCATION FROM OWNER ,ART_GALLERY WHERE OWNER.O_ID = ART_GALLERY.O_ID
2.SELECT V.PASS_ID,G.G_NAME,G.SECTION FROM VISITORS V , GUIDES G WHERE V.G_ID = G.G_ID
```

Results Explain Describe Saved SQL History

PASS_ID	G_NAME	SECTION
1	ABDULLAH	1
2	NEHA	2
5	MANIHA	8
3	ABDULLA	2
4	MAYAD	4
6	ALIF	45
7	FARHAN	45
8	ALIN	1
9	ALEX	1
10	RAJ	12

#### NON EQUI JOIN 01 :

# ART GALLERY MANAGEMENT SYSTEM

User AMR

Home > SQL > SQL Commands

Autocommit

NON EQUI JOIN

```
1.SELECT V.PASS_ID,G.G_NAME,G.SECTION FROM VISITORS V , GUIDES G WHERE V.G_ID <= G.G_ID
```

[Results](#) [Explain](#) [Describe](#) [Saved SQL](#) [History](#)

PASS_ID	G_NAME	SECTION
1	ABDULLAH	1
1	NEHA	2
1	RAJ	12
1	ABDULLA	2
1	MAYAD	4
1	MANHA	8
1	ALIF	45
1	FARHAN	45
1	ALIN	1
1	ALEX	1

## NON EQUI JOIN 02 :

Autocommit

```
CREATE TABLE ART_GALLERY (A_ID NUMBER (5),NAME VARCHAR2 (50), LOCATION VARCHAR2(50), O_ID NUMBER (5) CONSTRAINT O_ID_FK1 REFERENCES OWNER (O_ID),PRIMARY KEY (A_ID));
CREATE TABLE PAYMENT_OF_BUYER (P_ID NUMBER (5),PAYMENT_DATE DATE , AMOUNT NUMBER (10), METHOD VARCHAR2 (20),CUSTOMER_ID NUMBER (5) ,
A_ID NUMBER (5) CONSTRAINT A_ID_FK REFERENCES ART_GALLERY (A_ID), PRIMARY KEY (P_ID));
NON EQUI JOIN
1.SELECT V.PASS_ID,G.G_NAME,G.SECTION FROM VISITORS V , GUIDES G WHERE V.G_ID <= G.G_ID
2.SELECT A.NAME,A.LOCATION,P.AMOUNT,P.CUSTOMER_ID,P.METHOD FROM ART_GALLERY A,PAYMENT_OF_BUYER P WHERE A.A_ID < P.A_ID
```

[Results](#) [Explain](#) [Describe](#) [Saved SQL](#) [History](#)

NAME	LOCATION	AMOUNT	CUSTOMER_ID	METHOD
JAHANGIRS	SHIBGANJ	5000	43	CASH
JAHANGIRS	SHIBGANJ	67000	63	ONLINE BAKING
AR GALLERY	SHIBGANJ	67000	63	ONLINE BAKING
JAHANGIRS	SHIBGANJ	2500	67	CASH
AR GALLERY	SHIBGANJ	2500	67	CASH
AKRAM ART GELLARY	SHIBGANJ	2500	67	CASH
JAHANGIRS	SHIBGANJ	5000	56	ONLINE BANKING
AR GALLERY	SHIBGANJ	5000	56	ONLINE BANKING
AKRAM ART GELLARY	SHIBGANJ	5000	56	ONLINE BANKING
BE ONE ART	UTTARA	5000	56	ONLINE BANKING

More than 10 rows available. Increase rows selector to view more rows.

10 rows returned in 0.01 seconds [CSV Export](#)

## OUTER JOIN 01 :

# ART GALLERY MANAGEMENT SYSTEM

User AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE TABLE OWNER (O_ID NUMBER (5),NAME VARCHAR2(50),AGE NUMBER (5),PHONE_NUMBER NUMBER (12),T_ID NUMBER (5) CONSTRAINT T_ID_FK REFERENCES OWNER_ADDRESS (T_ID) ,PRIMARY KEY (O_ID));
CREATE TABLE OWNER_ADDRESS (T_ID NUMBER (5),CITY VARCHAR2 (50), COUNTRY VARCHAR2(50), LOCATION VARCHAR2 (50),PRIMARY KEY (T_ID))

OUTER JOIN
-----
1.SELECT STUFF.S_ID,STUFF.ADDRESS, MANAGER.NAME
FROM STUFF
FULL OUTER JOIN MANAGER ON STUFF.M_ID=MANAGER.M_ID
ORDER BY STUFF.S_ID;
```

Results Explain Describe Saved SQL History

S_ID	ADDRESS	NAME
111	DHAKA	MUJAHID RAJ
112	DHANMONDI	SIFAT AHMED
113	SANTIBAGH	MUJAHID SOJIB
114	RAYVERBAGH	MUJIN AHMED
115	UATTARA	FAHAD JOY
116	KURIA	AHMED KUDDUS
117	BASHUNDHARA	ROSHID ALI
118	UTTARA	ASLAM ALI
119	BANANI	SOMSHER ALI
-	-	ROSHID KHAN

10 rows returned in 0.02 seconds  Application Firewall 21:00:30

## OUTER JOIN 02 :

User AMR

Home > SQL > SQL Commands

Autocommit

```
OUTER JOIN
-----
1.SELECT STUFF.S_ID,STUFF.ADDRESS, MANAGER.NAME
FROM STUFF
FULL OUTER JOIN MANAGER ON STUFF.M_ID=MANAGER.M_ID
ORDER BY STUFF.S_ID;

2.SELECT OWNER.O_ID,OWNER_PHONE_NUMBER, OWNER_ADDRESS.CITY
FROM OWNER
FULL OUTER JOIN OWNER_ADDRESS ON OWNER.T_ID=OWNER_ADDRESS.T_ID;
```

Results Explain Describe Saved SQL History

O_ID	PHONE_NUMBER	CITY
1	1796059406	DHAKA
2	1786059401	DHAKA
3	1796059407	DHAKA
4	1796051486	DHAKA
5	1776059411	DHAKA
6	1796052486	DHAKA
7	175619402	RAJSHAJI
8	1796059765	RAJSHAHI
9	1796059123	RAJSHAHI
10	1796059123	DHAKA

10 rows returned in 0.01 seconds  Application Firewall 21:00:34

## SELF JOINING 01 :

# ART GALLERY MANAGEMENT SYSTEM

User AMR

Home > SQL > SQL Commands

Autocommit

```
CREATE TABLE ARTIST (ARTIST_ID NUMBER (5),NUMBER_OF_PAINTING NUMBER (5),NAME VARCHAR2 (50), AGE NUMBER (5), GENDER VARCHAR2 (2),PHONE_NUMBER NUMBER (12));
```

SELF JOIN

```
1. SELECT A.NUMBER_OF_PAINTING AS NUMBER_OF_PAINTING1, B.NUMBER_OF_PAINTING AS NUMBER_OF_PAINTING2, A.AGE
FROM ARTIST A,ARTIST B
WHERE A.ARTIST_ID> B.ARTIST_ID
AND A.AGE < B.AGE
ORDER BY A.AGE;
```

Results Explain Describe Saved SQL History

NUMBER_OF_PAINTING1	NUMBER_OF_PAINTING2	AGE
23	2	12
23	12	12
23	1	12
23	1	12
23	9	12
23	34	12
23	4	12
23	34	12
2	12	19
2	1	19

More than 10 rows available. Increase rows selector to view more rows.

10 rows returned in 0.01 seconds

## SELF JOINING 02 :

User AMR

Home > SQL > SQL Commands

Autocommit

```
WHERE A.ARTIST_ID> B.ARTIST_ID
AND A.AGE < B.AGE
ORDER BY A.AGE;
```

```
2. SELECT A.ART_NO AS ART_NO1, B.ART_NO AS ART_NO2, A.AR_ID
FROM ART_ARTIST A, ART_ARTIST B
WHERE A.ARTIST > B.ARTIST
AND A.AR_ID < B.AR_ID
```

Results Explain Describe Saved SQL History

ART_NO1	ART_NO2	AR_ID
234	23	1
34	4	3
34	619	3
34	456	3
34	324	3
34	678	3
34	999	3
34	69	3
4	619	4
324	678	7

More than 10 rows available. Increase rows selector to view more rows.

10 rows returned in 0.00 seconds

## GENERAL :

1 .WRITE A QUERY TO DISPLAY ALL THE STUFF

ANSWER :SELECT \* FROM STUFF

# ART GALLERY MANAGEMENT SYSTEM

User AMR  
Home > SQL > SQL Commands  
(C)Autocommit Display [10] Save Run

```
1. WRITE A QUERY TO DISPLAY ALL THE STUFF
ANSWER :SELECT * FROM STUFF
```

Results Explain Describe Saved SQL History

NO_ID	SALARY	NAME	ADDRESS	PHONE_NUMBER	AGE_ID	M_ID
114	8000	RAJAN	DYERSBACH	18439450	14	10
115	2000	LADY	RAVERSACH	18439451	14	20
116	8000	KARAN	ULTRA	18439734	19	80
117	8000	HARSH	MUSCHENHAR	18439735	17	80
118	8000	AYOUN	UTTARA	18537693	18	80
119	8000	SCOUT	WILHELM	18537694	18	20
120	8000	KERAN	SANTIBACH	17254693	19	90

9 rows returned in 0.00 seconds CSV Export

2.DISPLAY THE ART\_GALLERY WHICH IS SITUATED IS GOMOSTAPUR

ANSWER : SELECT NAME , LOCATION FROM ART\_GALLERY WHERE LOCATION = 'GOMOSTAPUR'

User AMR  
Home > SQL > SQL Commands  
(C)Autocommit Display [10] Save Run

```
2.DISPLAY THE ART_GALLERY WHICH IS SITUATED IS GOMOSTAPUR
ANSWER : SELECT NAME , LOCATION FROM ART_GALLERY WHERE LOCATION = 'GOMOSTAPUR'
```

Results Explain Describe Saved SQL History

NAME	LOCATION
NO ONE	GOMOSTAPUR

1 rows returned in 0.00 seconds CSV Export

3.DISPLAY THE MANAGER NAME AND AGE WHOSE SALARY IS 30000 OR MORE .

ANSWER :SELECT NAME , SALARY , AGE FROM MANAGER WHERE SALARY >= 30000

User AMR  
Home > SQL > SQL Commands  
(C)Autocommit Display [10] Save Run

```
DISPLAY THE MANAGER NAME AND AGE WHOSE SALARY IS 30000 OR MORE .
SELECT NAME , SALARY , AGE FROM MANAGER WHERE SALARY >= 30000
```

Results Explain Describe Saved SQL History

NAME	SALARY	AGE
MUJAHID RAJ	30000	23
AHMED KUDUS	50000	37
ROSHID ALI	50000	31
ROSHID KHAN	40000	31
SIFAT AHMED	30000	25
MUJAHID SOJIB	30000	28
MUJIN AHMED	50000	43
FAHAD JOY	50000	33
ASLAM ALI	40000	31
SOMSHER ALI	40000	31

10 rows returned in 0.00 seconds CSV Export

4 . DISPLAY ALL THE ARTIST NAME FROM TABLE ARTIST

ANSWER : SELECT NAME FROM ARTIST

# ART GALLERY MANAGEMENT SYSTEM

User AMR  
Home > SQL > SQL Commands  
 Autocommit Display 10

```
4 . DISPLAY ALL THE ARTIST NAME FROM TABLE ARTIST
ANSWER : SELECT NAME FROM ARTIST
```

Results Explain Describe Saved SQL History

NAME
DA VINCHI
JOYNUL ABEDIN
MAYAD
NEHA
ABDULLAH
RAJ
AUN
ALEX
GAYLE
JENIFFER

10 rows returned in 0.00 seconds [CSV Export](#) Application Firewall 7 10:00:30

5 . DISPLAY MANAGER ID WHOSE NAME IS MUJAHID RAJ.

ANSWER : SELECT M\_ID FROM MANAGER WHERE NAME= 'MUJAHID RAJ'

User AMR  
Home > SQL > SQL Commands  
 Autocommit Display 10

```
5 . DISPLAY MANAGER ID WHOSE NAME IS MUJAHID RAJ.
ANSWER : SELECT M_ID FROM MANAGER WHERE NAME= 'MUJAHID RAJ'
```

Results Explain Describe Saved SQL History

M_ID
10

1 rows returned in 0.00 seconds [CSV Export](#)

## ART GALLERY MANAGEMENT SYSTEM

