



Cricket Club Management System

SNO	ID	NAME
1	19-40918-2	RAFI, SADMAN SAKIB
2	19-41006-2	KANAN, MD. FARHAD
3	19-40907-2	HOSSAIN, MD. ABIR
4	19-39357-1	HASAN, SHADIK
5	19-40617-1	ASHRAFUL HAQUE HIMEL
6	19-39538-1	API ADHIKARY

INTRODUCTION TO DATABASE

SECTION : H

CONTENTS

INTRODUCTION :	3
SCENARIO DESCRIPTION :	4
ER DIAGRAM :	5
NORMALIZATION :	6
SCHEMA DIAGRAM :	16
TABLE CREATION :	16
DATA INSERTION :	25
QUERY WRITING :	33
SUBQUERY :	33
JOINING :	34
VIEW :	35
RELATIONAL ALGEBRA :	36
CONCLUSION :	37
IN THE FUTURE :	37

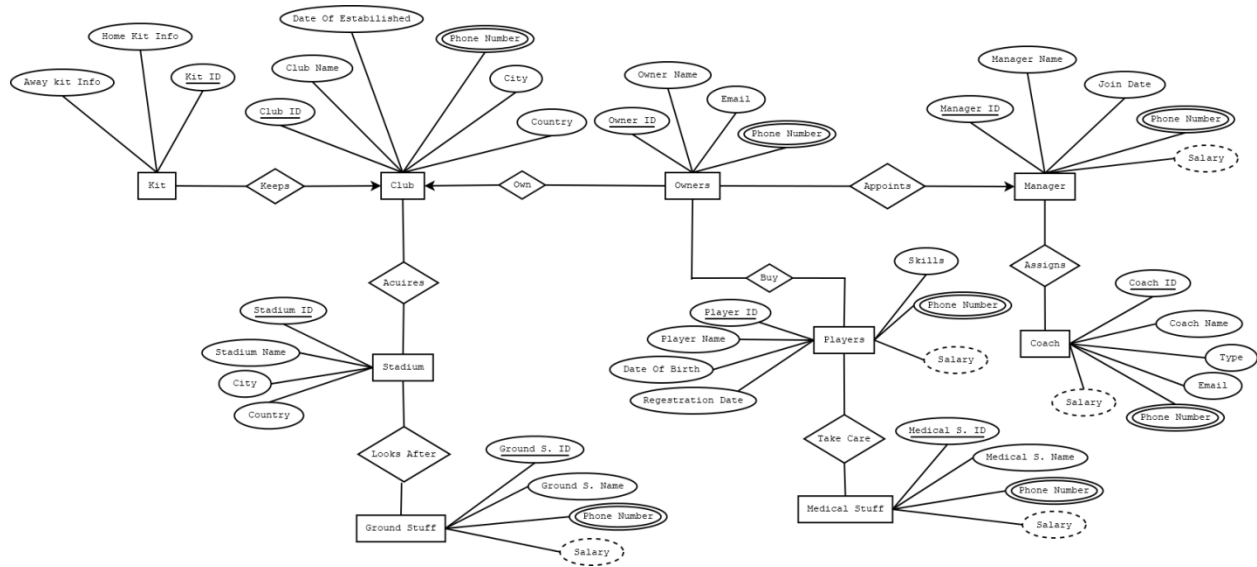
INTRODUCTION :

The title of the project is “Cricket club management system”. Cricket club management project is esigned with the motive of managing a cricket club.This software system consists of various online booking and management functionaries needed by a cricket club. This software system assures efficient management and maintains the functioning on a cricket club.The main aim of cricket club management is to manage the details of cricket,equipment,players ,events,fees,schedules etc . We do believe that this project will be beneficial to a lot of new or updatable Cricket club management system.

SCENARIO DESCRIPTION :

In Cricket Club Management System To identify a club the system stores club name, club ID, established date, location and phone numbers. Every Club acquires one or many stadiums. Every stadium has stadium name, location and one stadium ID. Ground stuffs look after those stadiums. One ground stuff has only one Id but may have more than one phone number. Club may have many Owners. A owner is identified by Owner_Id. An Owner information composed of name, email and one or more phone number. Owners appoints only one Manager for the club. Owners can buy many players. Every Player can be identified by their Player ID. Club also store players data like Player name, date of birth, registration date, skills, phone numbers and salary. Manager can assign coaches. To take care of the players club assigns medical stuffs. A medical Stuff have one medical_s.ID. The system also stores their name and phone numbers. Every coach has their individual one Id and may have more than one phone numbers. The System also store their name, address, Email address. Club keeps their Kits. kit information consists of home kit info, away kit info and one kit ID

ER DIAGRAM :



NORMALIZATION :

❖ Own

UNF

Own (Club ID, Club Name, Date Of Established, Club City, Club Country, Club's Phone Number, Owner ID, Owner Name, Email, Owner's Phone Number)

1NF

Club's Phone Number And Owner's Phone Number is multivalued attribute.

01. (Club ID, Club Name, Date Of Established , Club City, Club Country, Club's Phone Number, Owner ID, Owner Name, Email, Owner's Phone Number)

2NF

01.(Club ID, Club Name, Date Of Established, Club City, Club Country, Club's Phone Number)

02.(Owner ID, Owner Name, Email, Owner's Phone Number)

3NF

01.(Club ID, Club Name, Date Of Established, Club's Phone Number)

02. (Club City, Club Country)

03.(Owner ID, Owner Name, Email, Owner's Phone Number)

Table Creation For Own

01.(Club ID, Club Name, Date Of Established , Club's Phone Number)

02. .(A ID, Club City, Club, Country)

03.(Owner ID, Owner Name, Email, Owner's Phone Number, Club ID, A ID)

❖ **Appoint**

UNF

Appoints (Owner ID, Owner Name, Email, Owner's Phone Number, Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager Salary)

1NF

Owner's Phone Number And Manager Phone Number is multivalued attribute.

01. (Owner ID, Owner Name, Email, Owner's Phone Number, Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

2NF

01. (Owner ID, Owner Name, Email, Owner's Phone Number)

02. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

3NF

3NF IS AS 2NF

01. (Owner ID, Owner Name, Email, Owner's Phone Number)

02. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

❖ **Table Creation For Appoint**

01. (Owner ID, Owner Name, Email, Owner's Phone Number)

02. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

❖ Keeps

UNF

Keeps (Club ID, Club Name, Date Of Established, Club City, Club Country, Club's Phone Number, Kit ID, Home Kit Info, Away kit Info)

1NF

Club's Phone Number is multivalued attribute.

01. (Club ID, Club Name, Date Of Established, Club City, Club Country, Club's Phone Number, Kit ID, Home Kit Info, Away kit Info)

2NF

01.(Club ID, Club Name, Date Of Established, Club City, Club Country, Club's Phone Number)

02.(, Kit ID, Home Kit Info, Away kit Info)

3NF

01.(Club ID, Club Name, Date Of Established, Club's Phone Number)

02. (Club City, Club, Country)

03.(Kit ID, Home Kit Info, Away kit Info)

Table Creation For Keeps

01.(Club ID, Club Name, Date Of Established , Club's Phone Number)

02. .(A ID, Club City, Club Country)

03.(Kit ID, Home Kit Info, Away kit Info, Club ID, A ID)

❖ Buy

UNF

Buy (Owner ID, Owner Name, Email, Owner's Phone Number, Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

1NF

Owner's Phone Number And Player's Phone Number is multivalued attribute.

01. (Owner ID, Owner Name, Email, Owner's Phone Number, Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

2NF

01.(Owner ID, Owner Name, Email, Owner's Phone Number)

02.(Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

3NF

3NF IS AS 2NF

01.(Owner ID, Owner Name, Email, Owner's Phone Number)

02. (Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

Table Creation For Buy

01.(Owner ID, Owner Name, Email, Owner's Phone Number)

02. (Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

03. (**Owner ID**, **Player ID**)

❖ Take Care

UNF

Take Care (Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary, Medical S. ID, Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary)

1NF

Player's Phone Number And Medical S.'s Phone Number is multivalued attribute.

01. (Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary, Medical S. ID, Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary)

2NF

01.(Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

02.(Medical S. ID, Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary)

3NF

3NF IS AS 2NF

01.(Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

02. (Medical S. ID, Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary)

Table Creation For Take Care

01.(Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)

02. (Medical S. ID, Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary)

03. (**Player ID**, **Medical S. ID**)

❖ Acquires

UNF

Acquires (Owner ID, Owner Name, Email, Owner's Phone Number, Stadium ID, Stadium Name, Stadium City, Stadium Country)

1NF

Owner's Phone Number is multivalued attribute.

01. (Owner ID, Owner Name, Email, Owner's Phone Number, Stadium ID, Stadium Name, Stadium City, Stadium Country)

2NF

01.(Stadium ID, Stadium Name, Stadium City, Stadium Country)

02.(Owner ID, Owner Name, Email, Owner's Phone Number)

3NF

01.(Stadium ID, Stadium Name)

02. (Stadium City, Stadium Country)

03.(Owner ID, Owner Name, Email, Owner's Phone Number)

Table Creation For Acquires

01. (Stadium ID, Stadium Name)

02. (Stadium City, Stadium Country, S ID)

03. (Owner ID, Owner Name, Email, Owner's Phone Number, S ID, Stadium ID)

04. (Owner ID, Stadium ID)

❖ Looks After

UNF

Looks After (Stadium ID, Stadium Name, Stadium City, Stadium Country, Ground S. ID, Ground S. Name, Ground S. Phone Number, Ground S.'s Salary)

1NF

Ground S. Phone Number is multivalued attribute.

01. (Stadium ID, Stadium Name, Stadium City, Stadium Country, Ground S. ID, Ground S. Name, Ground S. Phone Number, Ground S.'s Salary)

2NF

01.(Stadium ID, Stadium Name, Stadium City, Stadium Country)

02.(Ground S. ID, Ground S. Name, Ground S. Phone Number, Ground S.'s Salary)

3NF

01.(Stadium ID, Stadium Name)

02. (Stadium City, Stadium Country)

03.(Ground S. ID, Ground S. Name, Ground S. Phone Number, Ground S.'s Salary)

Table Creation For Looks After

01. (Stadium ID, Stadium Name)

02. (Stadium City, Stadium Country, **S ID**)

03. (Ground S. ID, Ground S. Name, Ground S. Phone Number, Ground S.'s Salary, **S ID**, **Stadium ID**)

04. (**Ground S. ID**, **Stadium ID**)

❖ Assigns

UNF

Assigns (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary, Coach ID, Coach Name, Type, Email, Coach's Phone Number, Coach's Salary)

1NF

Manager Phone Number And Coach's Owner's Phone Number is multivalued attribute.

01. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary, Coach ID, Coach Name, Type, Email, Coach's Phone Number, Coach's Salary)

2NF

01. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

02. (Coach ID, Coach Name, Type, Email, Coach's Phone Number, Coach's Salary)

3NF

3NF IS AS 2NF

01. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

02. (Coach ID, Coach Name, Type, Email, Coach's Phone Number, Coach's Salary)

Table Creation For Assigns

01. (Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

02. (Coach ID, Coach Name, Type, Email, Coach's Phone Number, Coach's Salary)

03. (**Manager ID**, **Coach ID**)

Temporary Table

- 01.(Club ID, Club Name, Date Of Established , Club's Phone Number)
02. .(A ID, Club City, Club Country)
- 03.(Owner ID, Owner Name, Email, Owner's Phone Number, Club ID, A ID)
- 04.(~~Owner ID, Owner Name, Email, Owner's Phone Number~~)
- 05.(Manager ID, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)
- 06.(~~Club ID, Club Name, Date Of Established , Club's Phone Number~~)
07. .(~~A ID, Club City, Club Country~~)
- 08.(Kit ID, Home Kit Info, Away kit Info, Club ID, A ID)
- 09.(~~Owner ID, Owner Name, Email, Owner's Phone Number~~)
10. (Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary)
11. (Owner ID, Player ID)
- 12.(~~Player ID, Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary~~)
13. (Medical S. ID, Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary)
14. (Player ID, Medical S. ID)
15. (Stadium ID, Stadium Name)
16. (Stadium City, Stadium Country, S ID)
17. (~~Owner ID, Owner Name, Email, Owner's Phone Number, S ID, Stadium ID~~)
18. (Owner ID, Stadium ID)
- 19.(~~Stadium ID, Stadium Name~~)
- 20.(~~Stadium City, Stadium Country, S ID~~)
21. (Ground S. ID, Ground S. Name, Ground S. Phone Number, Ground S.'s Salary, S ID, Stadium ID)

22. (Ground S. ID, Stadium ID)

23. (~~Manager ID~~, Manager Name, Join Date, Manager's Phone Number, Manager's Salary)

24. (Coach ID, Coach Name, Type, Email, Coach's Phone Number, Coach's Salary)

25. (Manager ID, Coach ID)

FINAL TABLE

SL NO	TABLE NAME	ATTRIBUTES
01	CLUB	<u>Club ID</u> , Club Name, Date Of Established , Club's Phone Number
02	CLUB_ADDRESS	<u>A ID</u> , Club City, Club Country
03	OWNER	<u>Owner ID</u> , Owner Name, Email, Owner's Phone Number, <u>Club ID</u> , <u>A ID</u> , <u>S ID</u> , <u>Stadium ID</u>
04	MANAGER	<u>Manager ID</u> , Manager Name, Join Date, Manager's Phone Number, Manager's Salary
05	KIT	<u>Kit ID</u> , Home Kit Info, Away kit Info, <u>Club ID</u> , <u>A ID</u>
06	PLAYER	<u>Player ID</u> , Player Name, Date Of Birth, Registration Date, Skills, Player's Phone Number, Player's Salary
07	MEDICAL_STUFF	<u>Medical S. ID</u> , Medical S. Name, Medical S.'s Phone Number, Medical S.'s Salary
08	STADIUM	<u>Stadium ID</u> , Stadium Name
09	STADIUM_ADDRESS	Stadium City, Stadium Country, <u>S ID</u>
10	GROUND_STUFF	<u>Ground S. ID</u> , Ground S. Name, Ground S. Phone Number, Ground S.'s Salary, <u>S ID</u> , <u>Stadium ID</u>
11	COACH	<u>Coach ID</u> , Coach Name, Type, Email, Coach's Phone Number, Coach's Salary
12	FOREIGN_KEY_OWNER_PLAYER	<u>Owner ID</u> , <u>Player ID</u>
13	FOREIGN_KEY_PLAYER_MS	<u>Player ID</u> , <u>Medical S. ID</u>
14	FOREIGN_KEY_OWNER_STADIUM	<u>Owner ID</u> , <u>Stadium ID</u>
15	FOREIGN_KEY_STADIUM_GS	<u>Ground S. ID</u> , <u>Stadium ID</u>
16	FOREIGN_KEY_MANAGER_COACH	<u>Manager ID</u> , <u>Coach ID</u>

SCHEMA DIAGRAM :

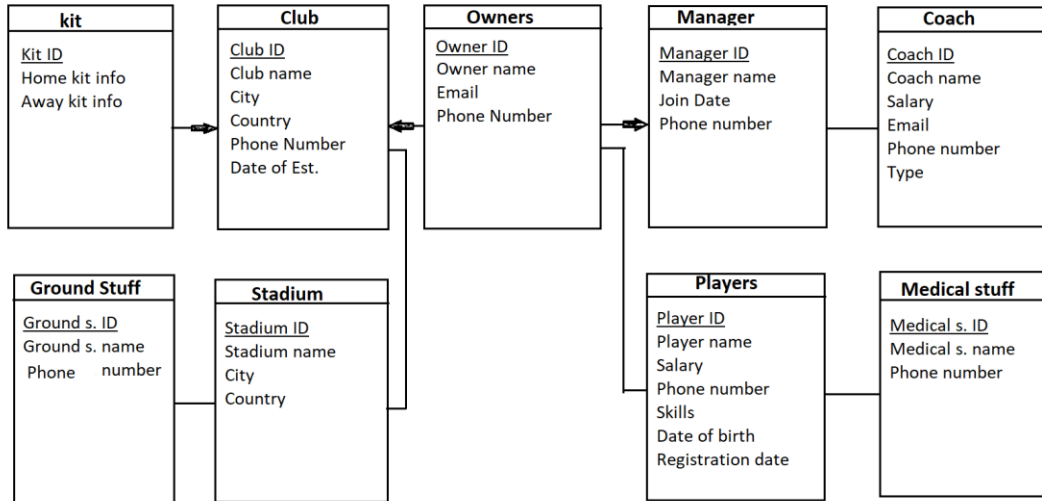


TABLE CREATION : FOR CLUB :

```

User SCOTT
Home > SQL > SQL Commands

Autocommit Display 50 Save Run

CREATE TABLE CLUB(Club_ID NUMBER(10) PRIMARY KEY, Club_Name VARCHAR2(25), Date_Of_Established VARCHAR2(10), Club_s_Phone_Number1 NUMBER(11), Club_s_Phone_Number2 NUMBER(11), Club_s_Phone_Number3 NUMBER(11));

CREATE SEQUENCE Club_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC CLUB;
  
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CLUB

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CLUB	CLUB_ID	Number	-	10	0	1	-	-	-
	CLUB_NAME	Varchar2	25	-	-	-	✓	-	-
	DATE_OF_ESTABLISHED	Varchar2	10	-	-	-	✓	-	-
	CLUB_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	CLUB_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	CLUB_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-

1 - 6

FOR CLUB ADDRESS :

User SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 50 Save Run

```
CREATE TABLE CLUB_ADDRESS(A_ID NUMBER(10) PRIMARY KEY, Club_City VARCHAR2(30), Club_Country VARCHAR2(30));

CREATE SEQUENCE A_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC CLUB_ADDRESS;
```

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

Object Type **TABLE** Object **CLUB_ADDRESS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CLUB_ADDRESS	A_ID	Number	-	10	0	1	-	-	-
	CLUB_CITY	Varchar2	30	-	-	-	✓	-	-
	CLUB_COUNTRY	Varchar2	30	-	-	-	✓	-	-
1 - 3									

FOR OWNER :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: [x] Display: 50 [Save] [Run]

CREATE TABLE OWNER(Owner_ID NUMBER(10) PRIMARY KEY, Owner_Name VARCHAR2(25), Email VARCHAR2(25), Owner_s_Phone_Number1 NUMBER(11), Owner_s_Phone_Number2 NUMBER(11), Owner_s_Phone_Number3 NUMBER(11), Club_ID NUMBER(10), A_ID NUMBER(10), S_ID NUMBER(10), Stadium_ID NUMBER(10));

ALTER TABLE OWNER ADD CONSTRAINT EK FOREIGN KEY (A_ID) REFERENCES CLUB_ADDRESS (A_ID);
ALTER TABLE OWNER ADD CONSTRAINT SK FOREIGN KEY (S_ID) REFERENCES STADIUM_ADDRESS (S_ID);

CREATE SEQUENCE Owner_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

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	OWNER_ID	Number	-	10	0	1	-	-	-
	OWNER_NAME	Varchar2	25	-	-	-	✓	-	-
	EMAIL	Varchar2	25	-	-	-	✓	-	-
	OWNER_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	OWNER_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	OWNER_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-
	CLUB_ID	Number	-	10	0	-	✓	-	-
	A_ID	Number	-	10	0	-	✓	-	-
	S_ID	Number	-	10	0	-	✓	-	-
	STADIUM_ID	Number	-	10	0	-	✓	-	-

1 - 10

FOR MANAGER :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: [x] Display: 50 [Save] [Run]

CREATE TABLE MANAGER(Manager_ID NUMBER(10) PRIMARY KEY, Manager_Name VARCHAR2(25), Join_Date VARCHAR2(10), Manager_s_Phone_Number1 NUMBER(11), Manager_s_Phone_Number2 NUMBER(11), Manager_s_Phone_Number3 NUMBER(11), Manager_s_Salary NUMBER(20));

CREATE SEQUENCE Manager_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

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	MANAGER_ID	Number	-	10	0	1	-	-	-
	MANAGER_NAME	Varchar2	25	-	-	-	✓	-	-
	JOIN_DATE	Varchar2	10	-	-	-	✓	-	-
	MANAGER_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	MANAGER_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	MANAGER_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-
	MANAGER_S_SALARY	Number	-	20	0	-	✓	-	-

1 - 7

FOR KIT :

```

User SCOTT
Home > SQL > SQL Commands

Autocommit Display 50 Save Run

CREATE TABLE KIT(KIT_ID NUMBER(10) PRIMARY KEY, Home_Kit_Info VARCHAR2(20), Away_kit_Info VARCHAR2(20), Club_ID NUMBER(10), A_ID NUMBER(10));

CREATE SEQUENCE Kit_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC KIT;

```

Results Explain Describe Saved SQL History

Object Type TABLE Object KIT

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
KIT	KIT_ID	Number	-	10	0	1	-	-	-
	HOME_KIT_INFO	Varchar2	20	-	-	-	✓	-	-
	AWAY_KIT_INFO	Varchar2	20	-	-	-	✓	-	-
	CLUB_ID	Number	-	10	0	-	✓	-	-
	A_ID	Number	-	10	0	-	✓	-	-
1 - 5									

FOR PLAYER :

```

User SCOTT
Home > SQL > SQL Commands

Autocommit Display 50 Save Run

CREATE TABLE PLAYER(Player_ID NUMBER(10) PRIMARY KEY, Player_Name VARCHAR2(25), Date_Of_Birth VARCHAR2(10), Registration_Date VARCHAR2(10), Skills VARCHAR2(15), Player_s_Phone_Number1 NUMBER(11), Player_s_Phone_Number2 NUMBER(11), Player_s_Phone_Number3 NUMBER(11), Player_s_Salary NUMBER(20));

CREATE SEQUENCE Player_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC PLAYER;

```

Results Explain Describe Saved SQL History

Object Type TABLE Object PLAYER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PLAYER	PLAYER_ID	Number	-	10	0	1	-	-	-
	PLAYER_NAME	Varchar2	25	-	-	-	✓	-	-
	DATE_OF_BIRTH	Varchar2	10	-	-	-	✓	-	-
	REGISTRATION_DATE	Varchar2	10	-	-	-	✓	-	-
	SKILLS	Varchar2	15	-	-	-	✓	-	-
	PLAYER_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	PLAYER_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	PLAYER_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-
	PLAYER_S_SALARY	Number	-	20	0	-	✓	-	-
1 - 9									

FOR MEDICAL STUFF :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 50 Save Run

CREATE TABLE MEDICAL_STUFF(Medical_S_ID NUMBER(10) PRIMARY KEY, Medical_S_Name VARCHAR(25), Medical_S_s_Phone_Number1 NUMBER(11), Medical_S_s_Phone_Number2 NUMBER(11), Medical_S_s_Phone_Number3 NUMBER(11), Medical_S_s_Salary NUMBER(20));

CREATE SEQUENCE Medical_S_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC MEDICAL_STUFF;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object MEDICAL_STUFF

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MEDICAL_STUFF	MEDICAL_S_ID	Number	-	10	0	1	-	-	-
	MEDICAL_S_NAME	Varchar2	25	-	-	-	✓	-	-
	MEDICAL_S_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	MEDICAL_S_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	MEDICAL_S_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-
	MEDICAL_S_S_SALARY	Number	-	20	0	-	✓	-	-
1 - 6									

FOR STADIUM :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 50 Save Run

CREATE TABLE STADIUM(Stadium_ID NUMBER(10) PRIMARY KEY, Stadium_Name VARCHAR2(25));

CREATE SEQUENCE Stadium_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC STADIUM;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object STADIUM

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STADIUM	STADIUM_ID	Number	-	10	0	1	-	-	-
	STADIUM_NAME	Varchar2	25	-	-	-	✓	-	-
1 - 2									

FOR STADIUM ADDRESS :

User SCOTT
Home > SQL > SQL Commands

☒ Autocommit Display 50 Save Run

```
CREATE TABLE STADIUM_ADDRESS(S_ID NUMBER(10) PRIMARY KEY, Stadium_City VARCHAR2(30), Stadium_Country VARCHAR2(30));

CREATE SEQUENCE S_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC STADIUM_ADDRESS;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object STADIUM_ADDRESS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STADIUM_ADDRESS	S_ID	Number	-	10	0	1	-	-	-
	STADIUM_CITY	Varchar2	30	-	-	-	✓	-	-
	STADIUM_COUNTRY	Varchar2	30	-	-	-	✓	-	-
1 - 3									

FOR GROUND STUFF :

User SCOTT
Home > SQL > SQL Commands

☒ Autocommit Display 50 Save Run

```
CREATE TABLE GROUND_STUFF(Ground_S_ID NUMBER(10) PRIMARY KEY, Ground_S_Name VARCHAR2(25), Ground_S_Phone_Number1 NUMBER(11), Ground_S_Phone_Number2 NUMBER(11), Ground_S_Phone_Number3 NUMBER(11), Ground_S_Salary NUMBER(11), S_ID NUMBER(10), Stadium_ID NUMBER(10));

ALTER TABLE GROUND_STUFF ADD CONSTRAINT GK FOREIGN KEY (S_ID) REFERENCES STADIUM_ADDRESS (S_ID);

CREATE SEQUENCE Ground_S_ID_SEQ START WITH 1001 MAXVALUE 90000 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC GROUND_STUFF;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object GROUND_STUFF

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
GROUND_STUFF	GROUND_S_ID	Number	-	10	0	1	-	-	-
	GROUND_S_NAME	Varchar2	25	-	-	-	✓	-	-
	GROUND_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	GROUND_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	GROUND_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-
	GROUND_S_SALARY	Number	-	11	0	-	✓	-	-
	S_ID	Number	-	10	0	-	✓	-	-
	STADIUM_ID	Number	-	10	0	-	✓	-	-
1 - 8									

FOR COACH :

```

User SCOTT
Home > SQL > SQL Commands

Autocommit Display 50 Save Run
CREATE TABLE COACH(Coach_ID NUMBER(10) PRIMARY KEY, Coach_Name VARCHAR2(25), Type VARCHAR2(20), Email VARCHAR2(20), Coach_s_Phone_Number1 NUMBER(11), Coach_s_Phone_Number2 NUMBER(11), Coach_s_Phone_Number3 NUMBER(11), Coach_s_Salary NUMBER(30));

CREATE SEQUENCE Coach_ID_SEQ START WITH 1001 MAXVALUE 99999 INCREMENT BY 50 NOCACHE NOCYCLE;

DESC COACH;

```

Results Explain Describe Saved SQL History

Object Type TABLE Object COACH

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
COACH	COACH_ID	Number	-	10	0	1	-	-	-
	COACH_NAME	Varchar2	25	-	-	-	✓	-	-
	TYPE	Varchar2	20	-	-	-	✓	-	-
	EMAIL	Varchar2	20	-	-	-	✓	-	-
	COACH_S_PHONE_NUMBER1	Number	-	11	0	-	✓	-	-
	COACH_S_PHONE_NUMBER2	Number	-	11	0	-	✓	-	-
	COACH_S_PHONE_NUMBER3	Number	-	11	0	-	✓	-	-
	COACH_S_SALARY	Number	-	30	0	-	✓	-	-
									1 - 8

FOR FOREIGN KEY OWNER PLAYER :

```

User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run
CREATE TABLE FOREIGN_KEY_OWNER_PLAYER (Owner_ID NUMBER(10), Player_ID NUMBER(10));
ALTER TABLE FOREIGN_KEY_OWNER_PLAYER ADD CONSTRAINT IF FOREIGN KEY (Owner_ID) REFERENCES OWNER (Owner_ID);
ALTER TABLE FOREIGN_KEY_OWNER_PLAYER ADD CONSTRAINT LF FOREIGN KEY (Player_ID) REFERENCES PLAYER(Player_ID);
DESC FOREIGN_KEY_OWNER_PLAYER;

```

Results Explain Describe Saved SQL History

Object Type TABLE Object FOREIGN_KEY_OWNER_PLAYER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FOREIGN_KEY_OWNER_PLAYER	OWNER_ID	Number	-	10	0	-	✓	-	-
	PLAYER_ID	Number	-	10	0	-	✓	-	-
									1 - 2

FOR FOREIGN KEY PLAYER MS :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

CREATE TABLE FOREIGN_KEY_PLAYER_MS (Player_ID NUMBER(10), Medical_S_ID NUMBER(10));
ALTER TABLE FOREIGN_KEY_PLAYER_MS ADD CONSTRAINT HF FOREIGN KEY (Player_ID) REFERENCES PLAYER (Player_ID);
ALTER TABLE FOREIGN_KEY_PLAYER_MS ADD CONSTRAINT AF FOREIGN KEY (Medical_S_ID) REFERENCES MEDICAL_STUFF (Medical_S_ID);
DESC FOREIGN_KEY_PLAYER_MS;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object FOREIGN_KEY_PLAYER_MS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FOREIGN_KEY_PLAYER_MS	PLAYER_ID	Number	-	10	0	-	✓	-	-
	MEDICAL_S_ID	Number	-	10	0	-	✓	-	-
1 - 2									

FOR FOREIGN KEY OWNER STADIUM :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

CREATE TABLE FOREIGN_KEY_OWNER_STADIUM (Owner_ID NUMBER(10), Stadium_ID NUMBER(10));
ALTER TABLE FOREIGN_KEY_OWNER_STADIUM ADD CONSTRAINT HF FOREIGN KEY (Owner_ID) REFERENCES OWNER (Owner_ID);
ALTER TABLE FOREIGN_KEY_OWNER_STADIUM ADD CONSTRAINT BF FOREIGN KEY (Stadium_ID) REFERENCES Stadium (Stadium_ID);
DESC FOREIGN_KEY_OWNER_STADIUM;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object FOREIGN_KEY_OWNER_STADIUM

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FOREIGN_KEY_OWNER_STADIUM	OWNER_ID	Number	-	10	0	-	✓	-	-
	STADIUM_ID	Number	-	10	0	-	✓	-	-
1 - 2									

FOR FOREIGN KEY STADIUM GS :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

CREATE TABLE FOREIGN_KEY_STADIUM_GS (Stadium_ID NUMBER(10), Ground_S_ID NUMBER(10));
ALTER TABLE FOREIGN_KEY_STADIUM_GS ADD CONSTRAINT UF FOREIGN KEY (Stadium_ID) REFERENCES Stadium(Stadium_ID);
ALTER TABLE FOREIGN_KEY_STADIUM_GS ADD CONSTRAINT VF FOREIGN KEY (Ground_S_ID) REFERENCES GROUND_STUFF(Ground_S_ID);
DESC FOREIGN_KEY_STADIUM_GS;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object FOREIGN_KEY_STADIUM_GS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FOREIGN_KEY_STADIUM_GS	STADIUM_ID	Number	-	10	0	-	✓	-	-
	GROUND_S_ID	Number	-	10	0	-	✓	-	-
1 - 2									

FOR FOREIGN KEY MANAGER COACH :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

CREATE TABLE FOREIGN_KEY_MANAGER_COACH (Manager_ID NUMBER(10), Coach_ID NUMBER(10));
ALTER TABLE FOREIGN_KEY_MANAGER_COACH ADD CONSTRAINT CF FOREIGN KEY (Manager_ID) REFERENCES MANAGER (Manager_ID);
ALTER TABLE FOREIGN_KEY_MANAGER_COACH ADD CONSTRAINT DF FOREIGN KEY (Coach_ID) REFERENCES COACH(Coach_ID);
DESC FOREIGN_KEY_MANAGER_COACH;
```

Results Explain Describe Saved SQL History

Object Type TABLE Object FOREIGN_KEY_MANAGER_COACH

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FOREIGN_KEY_MANAGER_COACH	MANAGER_ID	Number	-	10	0	-	✓	-	-
	COACH_ID	Number	-	10	0	-	✓	-	-
1 - 2									

DATA INSERTION :

FOR CLUB :

```

User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10 Save Run

INSERT INTO CLUB VALUES (Club_ID_SEQ.NEXTVAL, 'DHAKA PLATOON', '2015', '01786256', '01852562', '019356256');
INSERT INTO CLUB VALUES (Club_ID_SEQ.NEXTVAL, 'RAJSHAHI ROYALS', '2012', '017959649', '018841986', '0197486541');
INSERT INTO CLUB VALUES (Club_ID_SEQ.NEXTVAL, 'RANGPUR RANGERS', '2012', '0176985416', '0168541654', '0148658541');
INSERT INTO CLUB VALUES (Club_ID_SEQ.NEXTVAL, 'CUMILLA WARRIORS', '2015', '01798565', '01352562', '016356256');
INSERT INTO CLUB VALUES (Club_ID_SEQ.NEXTVAL, 'BARISAL BULLS', '2012', '01941512', '01389556', '0186154879');

SELECT * FROM CLUB;

```

Results Explain Describe Saved SQL History

CLUB_ID	CLUB_NAME	DATE_OF_ESTABLISHED	CLUB_S_PHONE_NUMBER1	CLUB_S_PHONE_NUMBER2	CLUB_S_PHONE_NUMBER3
1001	DHAKA PLATOON	2015	1786256	1852562	19356256
1051	RAJSHAH ROYALS	2012	17959649	18841986	197486541
1101	RANGPUR RANGERS	2012	176985416	168541654	148658541
1151	CUMILLA WARRIORS	2015	1798565	1352562	16356256
1201	BARISAL BULLS	2012	1941512	1389556	186154879

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR CLUB ADDRESS :

```

User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10 Save Run

INSERT INTO CLUB_ADDRESS VALUES (A_ID_SEQ.NEXTVAL, 'DHAKA', 'BANGLADESH');
INSERT INTO CLUB_ADDRESS VALUES (A_ID_SEQ.NEXTVAL, 'RAJSHAH', 'BANGLADESH');
INSERT INTO CLUB_ADDRESS VALUES (A_ID_SEQ.NEXTVAL, 'RANGPUR', 'BANGLADESH');
INSERT INTO CLUB_ADDRESS VALUES (A_ID_SEQ.NEXTVAL, 'CUMILLA', 'BANGLADESH');
INSERT INTO CLUB_ADDRESS VALUES (A_ID_SEQ.NEXTVAL, 'BARISAL', 'BANGLADESH');

SELECT * FROM CLUB_ADDRESS;

```

Results Explain Describe Saved SQL History

A_ID	CLUB_CITY	CLUB_COUNTRY
1001	DHAKA	BANGLADESH
1051	RAJSHAH	BANGLADESH
1101	RANGPUR	BANGLADESH
1151	CUMILLA	BANGLADESH
1201	BARISAL	BANGLADESH

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR OWNER :

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit

Display 10

SaveRun

```
INSERT INTO OWNER VALUES (Owner_ID_SEQ.NEXTVAL, 'BEXIMCO GROUP', 'ABC@gmail.com', '01785484148', '0195418541', '01884516531', '1001', '1001', '1151', '1201');
INSERT INTO OWNER VALUES (Owner_ID_SEQ.NEXTVAL, 'BANGLADESH CRICKET BOARD', 'BCB@gmail.com', '0198645165', '0148668543', '01342415', '1051', '1051', '1201', '1251');
INSERT INTO OWNER VALUES (Owner_ID_SEQ.NEXTVAL, 'BANGLADESH CRICKET BOARD', 'BCB@gmail.com', '0198645165', '0148668543', '01342415', '1201', '1101', '1251', '1301');
INSERT INTO OWNER VALUES (Owner_ID_SEQ.NEXTVAL, 'MUSTAFA RAFIQUL ISLAM', 'MRI@gmail.com', '01778546464', '019415416', '016481541', '1251', '1151', '1301', '1351');

INSERT INTO OWNER VALUES (Owner_ID_SEQ.NEXTVAL, 'NAFISA KAMAL', 'NK@gmail.com', '0178645198', '0198451651', '0184865164', '1301', '1201', '1351', '1401');

SELECT * FROM OWNER;
```

Results Explain Describe Saved SQL History

OWNER_ID	OWNER_NAME	EMAIL	OWNER_S_PHONE_NUMBER1	OWNER_S_PHONE_NUMBER2	OWNER_S_PHONE_NUMBER3	CLUB_ID	A_ID	S_ID	STADIUM_ID
1301	BEXIMCO GROUP	ABC@gmail.com	1785484148	195418541	1884516531	1001	1001	1151	1201
1451	BANGLADESH CRICKET BOARD	BCB@gmail.com	198645165	148668543	1342415	1051	1051	1201	1251
1801	BANGLADESH CRICKET BOARD	BCB@gmail.com	198645165	148668543	1342415	1201	1101	1251	1301
1851	MUSTAFA RAFIQUL ISLAM	MRI@gmail.com	1778546464	19415416	16481541	1251	1151	1301	1351
1901	NAFISA KAMAL	NK@gmail.com	178645198	198451651	184865164	1301	1201	1351	1401

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

FOR MANAGER :

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit

Display 10

SaveRun

```
INSERT INTO MANAGER VALUES (Manager_ID_SEQ.NEXTVAL, 'FARHAN', '09-08-2017', '0174854554', '01984564', '018874565', '50000');
INSERT INTO MANAGER VALUES (Manager_ID_SEQ.NEXTVAL, 'FAHIM', '08-04-2018', '0177845654', '019784545', '018849584', '45000');
INSERT INTO MANAGER VALUES (Manager_ID_SEQ.NEXTVAL, 'SAFIQ', '01-06-2018', '017784845', '019748564', '0188458541', '45000');
INSERT INTO MANAGER VALUES (Manager_ID_SEQ.NEXTVAL, 'RAHAMAN', '01-01-2019', '0178546154', '0198986451', '01485855', '40000');
INSERT INTO MANAGER VALUES (Manager_ID_SEQ.NEXTVAL, 'ZIDAN', '15-02-2020', '0176848748', '019657464565', '01868745654', '40000');

SELECT * FROM MANAGER;
```

Results Explain Describe Saved SQL History

MANAGER_ID	MANAGER_NAME	JOIN_DATE	MANAGER_S_PHONE_NUMBER1	MANAGER_S_PHONE_NUMBER2	MANAGER_S_PHONE_NUMBER3	MANAGER_S_SALARY
1001	FARHAN	09-08-2017	174854554	1984564	18874565	50000
1051	FAHIM	08-04-2018	177845654	19784545	18849584	45000
1101	SAFIQ	01-06-2018	17784845	19748564	188458541	45000
1151	RAHAMAN	01-01-2019	178546154	198986451	1485855	40000
1201	ZIDAN	15-02-2020	176848748	19657464565	1868745654	40000

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

FOR KIT :

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display: 10 Save Run

```
INSERT INTO KIT VALUES (Kit_ID_SEQ.NEXTVAL, 'YELLOW', 'GREEN', Club_ID_SEQ.NEXTVAL, A_ID_SEQ.NEXTVAL);
INSERT INTO KIT VALUES (Kit_ID_SEQ.NEXTVAL, 'BLACK', 'YELLOW', Club_ID_SEQ.NEXTVAL, A_ID_SEQ.NEXTVAL);
INSERT INTO KIT VALUES (Kit_ID_SEQ.NEXTVAL, 'BLUE', 'BLACK', Club_ID_SEQ.NEXTVAL, A_ID_SEQ.NEXTVAL);
INSERT INTO KIT VALUES (Kit_ID_SEQ.NEXTVAL, 'GREEN', 'RED', Club_ID_SEQ.NEXTVAL, A_ID_SEQ.NEXTVAL);
INSERT INTO KIT VALUES (Kit_ID_SEQ.NEXTVAL, 'RED', 'BLUE', Club_ID_SEQ.NEXTVAL, A_ID_SEQ.NEXTVAL);

SELECT * FROM KIT;
```

Results Explain Describe Saved SQL History

KIT_ID	HOME_KIT_INFO	AWAY_KIT_INFO	CLUB_ID	A_ID
1201	GREEN	RED	1751	1751
1051	YELLOW	GREEN	1601	1601
1101	BLACK	YELLOW	1651	1651
1151	BLUE	BLACK	1701	1701
1251	RED	BLUE	1801	1801

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR PLAYER :

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display: 10 Save Run

```
INSERT INTO PLAYER VALUES (PLAYER_ID_SEQ.NEXTVAL, 'MASHRAFE MORTAZA', '5 OCT 1983', '01-01-2019', 'BOWLER', '0175156312', '01954415', '014654516', '80000');
INSERT INTO PLAYER VALUES (PLAYER_ID_SEQ.NEXTVAL, 'LITON DAS', '13OCT 1994', '03-08-2019', 'ALL-ROUNDER', '01764165', '01965416', '0135894', '65000');
INSERT INTO PLAYER VALUES (PLAYER_ID_SEQ.NEXTVAL, 'MUSTAFIZUR RAHMAN', '6 SEP 1995', '06-12-2019', 'BOWLER', '017654196', '0194165645', '01954165166', '70000');
INSERT INTO PLAYER VALUES (PLAYER_ID_SEQ.NEXTVAL, 'TAMIM IQBAL', '20MAR 1989', '20-09-2018', 'BATSMAN', '01768459652', '01994654165', '018654165', '80000');
INSERT INTO PLAYER VALUES (PLAYER_ID_SEQ.NEXTVAL, 'MAHMUDULLAH', '4 FEB 1986', '15-02-2019', 'ALL-ROUNDER', '01794151', '01854515', '0134154', '80000');

SELECT * FROM PLAYER;
```

Results Explain Describe Saved SQL History

PLAYER_ID	PLAYER_NAME	DATE_OF_BIRTH	REGISTRATION_DATE	SKILLS	PLAYER_S_PHONE_NUMBER1	PLAYER_S_PHONE_NUMBER2	PLAYER_S_PHONE_NUMBER3	PLAYER_S_SALARY
1001	MASHRAFE MORTAZA	5 OCT 1983	01-01-2019	BOWLER	175156312	1954415	14654516	80000
1101	LITON DAS	13OCT 1994	03-08-2019	ALL-ROUNDER	1764165	1965416	135894	65000
1151	MUSTAFIZUR RAHMAN	6 SEP 1995	06-12-2019	BOWLER	17654196	194165645	1954165166	70000
1201	TAMIM IQBAL	20MAR 1989	20-09-2018	BATSMAN	1768459652	1994654165	18654165	80000
1251	MAHMUDULLAH	4 FEB 1986	15-02-2019	ALL-ROUNDER	1794151	1854515	134154	80000

5 rows returned in 0.01 seconds

[CSV Export](#)

FOR MEDICAL STUFF :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO MEDICAL_STUFF VALUES (Medical_S_ID_SEQ.NEXTVAL, 'DR. RAHIM', '0176526865', '019874654', '01484564', '35000');
INSERT INTO MEDICAL_STUFF VALUES (Medical_S_ID_SEQ.NEXTVAL, 'DR. KARIM', '0178456454', '0196546546', '0138745664', '35000');
INSERT INTO MEDICAL_STUFF VALUES (Medical_S_ID_SEQ.NEXTVAL, 'DR. ABDULLAH', '0178646516', '0198974651', '019546154', '32000');
INSERT INTO MEDICAL_STUFF VALUES (Medical_S_ID_SEQ.NEXTVAL, 'DR. KAMAL', '01789746544', '01957465416', '018684654', '36000');
INSERT INTO MEDICAL_STUFF VALUES (Medical_S_ID_SEQ.NEXTVAL, 'DR. RAHAMAN', '01768465464', '0186849651', '013948648', '35000');

SELECT * FROM MEDICAL_STUFF;
```

Results Explain Describe Saved SQL History

MEDICAL_S_ID	MEDICAL_S_NAME	MEDICAL_S_S_PHONE_NUMBER1	MEDICAL_S_S_PHONE_NUMBER2	MEDICAL_S_S_PHONE_NUMBER3	MEDICAL_S_S_SALARY
1001	DR. RAHIM	176526865	19874654	1484564	35000
1051	DR. KARIM	178456454	196546546	138745664	35000
1101	DR. ABDULLAH	178646516	198974651	19546154	32000
1151	DR. KAMAL	1789746544	1957465416	18684654	36000
1201	DR. RAHAMAN	1768465464	186849651	13948648	35000

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR STADIUM :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO STADIUM VALUES (Stadium_ID_SEQ.NEXTVAL, 'MIRPUR NATIONAL STADIUM');
INSERT INTO STADIUM VALUES (Stadium_ID_SEQ.NEXTVAL, 'SHAHED A.H.M. STADIUM');
INSERT INTO STADIUM VALUES (Stadium_ID_SEQ.NEXTVAL, 'RANGPUR STADIUM');
INSERT INTO STADIUM VALUES (Stadium_ID_SEQ.NEXTVAL, 'BHASHA SHOINIK STADIUM');
INSERT INTO STADIUM VALUES (Stadium_ID_SEQ.NEXTVAL, 'SHAHID ABDUR RAB STADIUM');

SELECT * FROM STADIUM;
```

Results Explain Describe Saved SQL History

STADIUM_ID	STADIUM_NAME
1201	MIRPUR NATIONAL STADIUM
1251	SHAHED A.H.M. STADIUM
1301	RANGPUR STADIUM
1351	BHASHA SHOINIK STADIUM
1401	SHAHID ABDUR RAB STADIUM

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR STADIUM ADDRESS :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO STADIUM_ADDRESS VALUES (S_ID_SEQ.NEXTVAL, 'DHAKA', 'BANGLADESH');
INSERT INTO STADIUM_ADDRESS VALUES (S_ID_SEQ.NEXTVAL, 'RAJSHAHI', 'BANGLADESH');
INSERT INTO STADIUM_ADDRESS VALUES (S_ID_SEQ.NEXTVAL, 'RANGPUR', 'BANGLADESH');
INSERT INTO STADIUM_ADDRESS VALUES (S_ID_SEQ.NEXTVAL, 'CUMILLA', 'BANGLADESH');
INSERT INTO STADIUM_ADDRESS VALUES (S_ID_SEQ.NEXTVAL, 'BARISAL', 'BANGLADESH');

SELECT * FROM STADIUM_ADDRESS;
```

Results Explain Describe Saved SQL History

S_ID	STADIUM_CITY	STADIUM_COUNTRY
1151	DHAKA	BANGLADESH
1201	RAJSHAHI	BANGLADESH
1251	RANGPUR	BANGLADESH
1301	CUMILLA	BANGLADESH
1351	BARISAL	BANGLADESH

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR GROUND STUFF :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO GROUND_STUFF VALUES (Ground_S_ID_SEQ.NEXTVAL, 'ALI', '0179465665', '019862465', '0185415165', '15000', '1151', '1201');
INSERT INTO GROUND_STUFF VALUES (Ground_S_ID_SEQ.NEXTVAL, 'RAHMAN', '0178459561', '0198451564', '01641515', '15000', '1201', '1251');
INSERT INTO GROUND_STUFF VALUES (Ground_S_ID_SEQ.NEXTVAL, 'HAFIZ', '01784564684', '018651561', '013845165', '12000', '1251', '1301');
INSERT INTO GROUND_STUFF VALUES (Ground_S_ID_SEQ.NEXTVAL, 'NAIM', '01794995646', '0164851541', '019486541654', '13000', '1301', '1351');
INSERT INTO GROUND_STUFF VALUES (Ground_S_ID_SEQ.NEXTVAL, 'HAZRAT', '016541545', '016541515', '0175616516', '12000', '1351', '1401');

SELECT * FROM GROUND_STUFF;
```

Results Explain Describe Saved SQL History

GROUND_S_ID	GROUND_S_NAME	GROUND_S_PHONE_NUMBER1	GROUND_S_PHONE_NUMBER2	GROUND_S_PHONE_NUMBER3	GROUND_S_SALARY	S_ID	STADIUM_ID
1151	ALI	179465665	19862465	185415165	15000	1151	1201
1201	RAHMAN	178459561	198451564	1641515	15000	1201	1251
1251	HAFIZ	1784564684	18651561	13845165	12000	1251	1301
1301	NAIM	1794995646	164851541	19486541654	13000	1301	1351
1351	HAZRAT	16541545	16541515	175616516	12000	1351	1401

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR COACH :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO COACH VALUES (Coach_ID_SEQ.NEXTVAL, 'KHALED MAHMUD', 'ALL-ROUNDER', 'khaled@gmail.com', '0176565651', '018674156', '0158749849', '80000');
INSERT INTO COACH VALUES (Coach_ID_SEQ.NEXTVAL, 'OWAIS SHAH', 'BATTING', 'owais@gmail.com', '01768419864', '01868498498', '01498646545', '75000');
INSERT INTO COACH VALUES (Coach_ID_SEQ.NEXTVAL, 'MARK O DONNELL', 'BATTING', 'MARK@gmail.com', '0176849684', '01868419864', '019545454', '80000');
INSERT INTO COACH VALUES (Coach_ID_SEQ.NEXTVAL, 'OTTIS GIBSON', 'ALL-ROUNDER', 'ottis@gmail.com', '017874151', '0186846541', '0134984846', '65000');
INSERT INTO COACH VALUES (Coach_ID_SEQ.NEXTVAL, 'DAV WHATMORE', 'ALL-ROUNDER', 'dav@gmail.com', '0179874984', '0189749464', '0146845646', '70000');

SELECT * FROM COACH;
```

COACH_ID	COACH_NAME	TYPE	EMAIL	COACH_S_PHONE_NUMBER1	COACH_S_PHONE_NUMBER2	COACH_S_PHONE_NUMBER3	COACH_S_SALARY
1051	KHALED MAHMUD	ALL-ROUNDER	khaled@gmail.com	176565651	18674156	158749849	80000
1101	OWAIS SHAH	BATTING	owais@gmail.com	1768419864	1868498498	1498646545	75000
1151	MARK O DONNELL	BATTING	MARK@gmail.com	176849684	1868419864	19545454	80000
1201	OTTIS GIBSON	ALL-ROUNDER	ottis@gmail.com	17874151	186846541	134984846	65000
1251	DAV WHATMORE	ALL-ROUNDER	dav@gmail.com	179874984	189749464	146845646	70000

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

FOR FOREIGN KEY OWNER PLAYER :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO FOREIGN_KEY_OWNER_PLAYER VALUES ('1301', '1001');
INSERT INTO FOREIGN_KEY_OWNER_PLAYER VALUES ('1451', '1101');
INSERT INTO FOREIGN_KEY_OWNER_PLAYER VALUES ('1801', '1151');
INSERT INTO FOREIGN_KEY_OWNER_PLAYER VALUES ('1851', '1201');
INSERT INTO FOREIGN_KEY_OWNER_PLAYER VALUES ('1901', '1251');

SELECT * FROM FOREIGN_KEY_OWNER_PLAYER;
```

OWNER_ID	PLAYER_ID
1301	1001
1451	1101
1801	1151
1851	1201
1901	1251

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

FOR FOREIGN KEY PLAYER MS :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10 Save Run

INSERT INTO FOREIGN_KEY_PLAYER_MS VALUES ('1001', '1001');
INSERT INTO FOREIGN_KEY_PLAYER_MS VALUES ('1101', '10511');
INSERT INTO FOREIGN_KEY_PLAYER_MS VALUES ('1151', '1101');
INSERT INTO FOREIGN_KEY_PLAYER_MS VALUES ('1201', '1151');
INSERT INTO FOREIGN_KEY_PLAYER_MS VALUES ('1251', '1201');

SELECT * FROM FOREIGN_KEY_PLAYER_MS;
```

Results Explain Describe Saved SQL History

PLAYER_ID	MEDICAL_S_ID
1001	1001
1101	10511
1151	1101
1201	1151
1251	1201

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR FOREIGN KEY OWNER STADIUM :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10 Save Run

INSERT INTO FOREIGN_KEY_OWNER_STADIUM VALUES ('1301', '1201');
INSERT INTO FOREIGN_KEY_OWNER_STADIUM VALUES ('1451', '1251');
INSERT INTO FOREIGN_KEY_OWNER_STADIUM VALUES ('1801', '1301');
INSERT INTO FOREIGN_KEY_OWNER_STADIUM VALUES ('1851', '1351');
INSERT INTO FOREIGN_KEY_OWNER_STADIUM VALUES ('1901', '1401');

SELECT * FROM FOREIGN_KEY_OWNER_STADIUM;
```

Results Explain Describe Saved SQL History

OWNER_ID	STADIUM_ID
1301	1201
1451	1251
1801	1301
1851	1351
1901	1401

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR FOREIGN KEY STADIUM GS :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO FOREIGN_KEY_STADIUM_GS VALUES ('1201', '1151');
INSERT INTO FOREIGN_KEY_STADIUM_GS VALUES ('1251', '1201');
INSERT INTO FOREIGN_KEY_STADIUM_GS VALUES ('1301', '1251');
INSERT INTO FOREIGN_KEY_STADIUM_GS VALUES ('1351', '1301');
INSERT INTO FOREIGN_KEY_STADIUM_GS VALUES ('1401', '1351');

SELECT * FROM FOREIGN_KEY_STADIUM_GS;
```

Results Explain Describe Saved SQL History

STADIUM_ID	GROUND_S_ID
1201	1151
1251	1201
1301	1251
1351	1301
1401	1351

5 rows returned in 0.00 seconds

[CSV Export](#)

FOR FOREIGN KEY MANAGER COACH :

```
User SCOTT
Home > SQL > SQL Commands

Autocommit Display 10 Save Run

INSERT INTO FOREIGN_KEY_MANAGER_COACH VALUES ('1001', '1051');
INSERT INTO FOREIGN_KEY_MANAGER_COACH VALUES ('1051', '1101');
INSERT INTO FOREIGN_KEY_MANAGER_COACH VALUES ('1101', '1151');
INSERT INTO FOREIGN_KEY_MANAGER_COACH VALUES ('1151', '1201');
INSERT INTO FOREIGN_KEY_MANAGER_COACH VALUES ('1201', '1251');

SELECT * FROM FOREIGN_KEY_MANAGER_COACH;
```

Results Explain Describe Saved SQL History

MANAGER_ID	COACH_ID
1001	1051
1051	1101
1101	1151
1151	1201
1201	1251

5 rows returned in 0.00 seconds

[CSV Export](#)

QUERY WRITING :

SUBQUERY :

01. Display the player names who earn more than LITON DAS.

Answer:

User: SCOTT
Home > SQL > SQL Commands

☒ Autocommit Display: 10 Save Run

```
SELECT PLAYER_NAME FROM PLAYER WHERE PLAYER_S_SALARY > (SELECT PLAYER_S_SALARY FROM PLAYER WHERE PLAYER_NAME = 'LITON DAS');
```

Results Explain Describe Saved SQL History

PLAYER_NAME
MASHRAFE MORTAZA
MUSTAFIZUR RAHMAN
TAMIM IQBAL
MAHMUDULLAH

4 rows returned in 0.00 seconds

[CSV Export](#)

02. Display the manager names who joined after FARHAN.

Answer:

User: SCOTT
Home > SQL > SQL Commands

☒ Autocommit Display: 10 Save Run

```
SELECT * FROM MANAGER WHERE JOIN_DATE < (SELECT JOIN_DATE FROM MANAGER WHERE MANAGER_NAME = 'FARHAN') ;
```

Results Explain Describe Saved SQL History

MANAGER_ID	MANAGER_NAME	JOIN_DATE	MANAGER_S_PHONE_NUMBER1	MANAGER_S_PHONE_NUMBER2	MANAGER_S_PHONE_NUMBER3	MANAGER_S_SALARY
1051	FAHIM	08-04-2018	1778456654	19784545	18849584	45000
1101	SAFIQ	01-06-2018	17784845	19748564	188458541	45000
1151	RAHAMAN	01-01-2019	178546154	198986451	1485855	40000

3 rows returned in 0.05 seconds

[CSV Export](#)

JOINING :

01. Display the name of owners who is from BANGLADESH.

Answer:

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10
SELECT OWNER.OWNER_NAME, STADIUM_ADDRESS.STADIUM_COUNTRY FROM OWNER, STADIUM_ADDRESS WHERE OWNER.S_ID = STADIUM_ADDRESS.S_ID AND STADIUM_ADDRESS.STADIUM_COUNTRY = 'BANGLADESH';
Save Run
```

Results Explain Describe Saved SQL History

OWNER_NAME	STADIUM_COUNTRY
BEXIMCO GROUP	BANGLADESH
BANGLADESH CRICKET BOARD	BANGLADESH
BANGLADESH CRICKET BOARD	BANGLADESH
MUSTAFA RAFIQUUL ISLAM	BANGLADESH
NAFISA KAMAL	BANGLADESH

5 rows returned in 0.41 seconds

[CSV Export](#)

02. Display the home kit info of all clubs.

Answer:

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10
SELECT KIT.HOME_KIT_INFO, CLUB.CLUB_NAME FROM KIT, CLUB WHERE KIT.KIT_ID = CLUB.CLUB_ID;
Save Run
```

Results Explain Describe Saved SQL History

HOME_KIT_INFO	CLUB_NAME
GREEN	BARISAL BULLS
YELLOW	RAJSHAHI ROYALS
BLACK	RANGPUR RANGERS
BLUE	CUMILLA WARRIORS

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

VIEW :

01. Create a view called Club101View based on ClubName and ClubID from the Club Table.

Answer:

```

User SCOTT
Home > SQL > SQL Commands
Autocommit Display 10
CREATE VIEW Club101View AS Select CLUB_NAME, CLUB_ID FROM CLUB ;
SELECT * FROM Club101View;
Save Run

```

Results Explain Describe Saved SQL History

CLUB_NAME	CLUB_ID
DHAKA PLATOON	1001
RAJSHAHI ROYALS	1051
RANGPUR RANGERS	1101
CUMILLA WARRIORS	1151
BARISAL BULLS	1201

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

02. Create a view called Player101View based on PlayerName, PlayerID and PlayerSkills from the Player Table.

Answer :

```
User: SCOTT
Home > SQL > SQL Commands

Autocommit: ☒ Display: 10 [Save] [Run]

CREATE VIEW Player101View AS Select Player_NAME, Player_ID, Skills FROM PLAYER ;
SELECT * FROM Player101View;
```

Results Explain Describe Saved SQL History

PLAYER_NAME	PLAYER_ID	SKILLS
MASHRAFE MORTAZA	1001	BOWLER
LITON DAS	1101	ALL-ROUNDER
MUSTAFIZUR RAHMAN	1151	BOWLER
TAMIM IQBAL	1201	BATSMAN
MAHMUDULLAH	1251	ALL-ROUNDER

5 rows returned in 0.00 seconds

[CSV Export](#)

RELATIONAL ALGEBRA :

01. Select only rows of data where Club Name is Dhaka Platoon from Club Table.

Answer:

$\sigma_{\text{Club_Name} = \text{"DHAKA PLATOON"}}(\text{Club});$

02. Project Club ID , Clubs Phone Number from Club Table.

Answer:

$\pi_{\text{Club_Id}, \text{Clubs_Phone_Number}}(\text{Club});$

03. Find The name of the Owner whose phone number is 1984564.

Answer:

$\pi_{\text{Owner_Name}}(\sigma_{\text{phone_number} = \text{"1984564"}}(\text{Owner});$

04.Find the name of the Club where Club city is Dhaka .

Answer:

$\pi_{\text{Club_Name}}(\sigma_{\text{Club_city}=\text{"DHAKA"}}(\text{Club}))$;

05.Find the name of the manager where salary is greater than 40000.

Answer:

$\pi_{\text{Manager_Name}}(\sigma_{\text{Manager_S_Salary}>40000}(\text{Manager}))$;

CONCLUSION :

We have shown all the queries to create the tables in 'oracle 10g'. Here, we made 10 different relations among the entities. Also, we had shown the queries to insert the values and took their screen-shots. The normalization process has made our work easier.

IN THE FUTURE :

We can make the relational data base tables as a database management system as we have made this project. This job of ours can help a Cricket club in their data storing systems. Also We Create Users For Easy Our Work.