



INTRODUCTION TO DATABASE[A]

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Project Name: Park Management System

Group:2

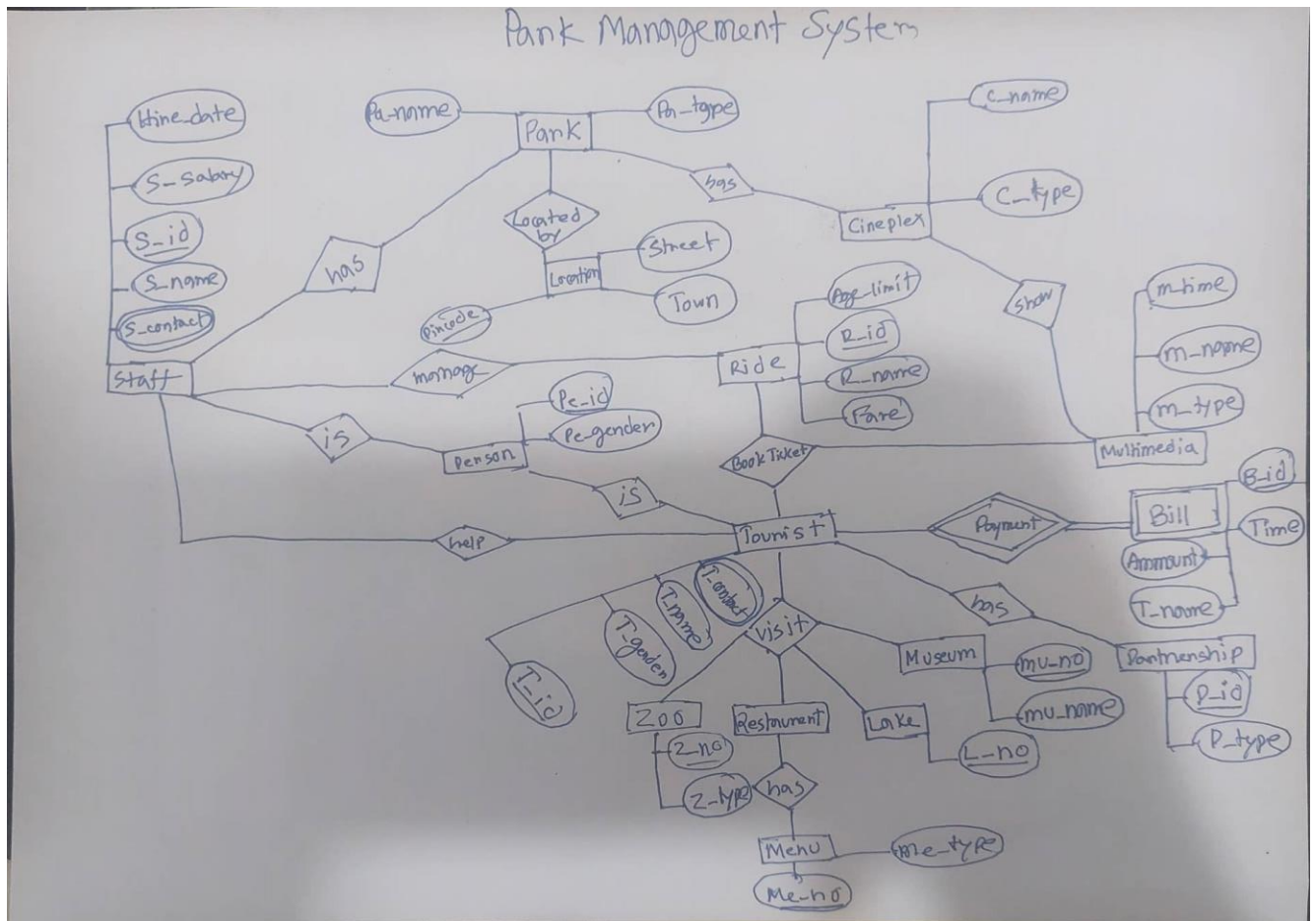
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Introduction

Park is a place where people of all ages have come for various attractions such as rides and games as well as other events for entertainment purposes. It is a type of amusement park that bases its structures and attractions around a central theme. Often featuring multiple areas with different themes. Unlike temporary and mobile fun fairs and carnivals, amusement parks are stationary and built for long lasting operators. They are more elaborate than city parks and playgrounds. Usually provides attractions that cater to a variety of age groups.

Scenario description

In park management, a Staff is identified by individual name, id gender. Each staff member will have their own id number so that they can be identified any time. Staff can also be identified by their contact, Salary and hire date. In the park location also mandatory. Because many tourists have their own interest that they want to explore different locations. And for the location it can be divided like restaurant,museum,lake,zoo.Many town people can wants to watch movie in the park. So, for the addition it will be great to have cineplex in the park. The timetable for the must be dividend, it will be great for people to watch their favorite movie in their preferable time. Staff member s can arrange this thing. For the riding area there will be one staff on each side and that staff will only manage that specific ride and one ride is managed by one staff member. Rides will be also identified by name and id. In the ride option there will be an age limit and fare. Tourists can enjoy as many rides as they want by booking the tickets. In the park the tourists will be identified by their name, gender and contact number. Many staff will be there to help the tourists. So, if there is any rush the tourists can get help by many Stuffs and many Stuffs can help many tourists. Tourists can also visit restaurants. Restaurants are identified by name; no. Tourist can enjoy their meal in many restaurants and many restaurants can serve many tourist



List of table:

- Park
- Location
- Cineplex
- Multimedia
- Staff
- Person
- Tourist
- Ride
- Bill
- Partnership
- Lake
- Museum
- Restaurant
- Zoo
- Menu

Normalization

Manage:(s_id,s_name,s_contact,s_salary,hire_date,r-id,r_name,fare,age_limit)

1NF: S_contact is multivalued attribute

- (S_id,S_name,S_age,S_salary,S_contact,Hire_date,r_id,r_name,fare,age_limit)

2NF:

- S_id,S_name,S_age,S_salary,S_contact,Hire_date
- ,r_id,r_name,fare,age_limit

3NF:

There is no transitive dependency

- S_id,S_name,S_age,S_salary,S_contact,Hire_date
- ,r_id,r_name,fare,age_limit

Table creation:

- S_id,S_name,S_age,S_salary,S_contact,Hire_date
- ,r_id,r_name,fare,age_limit

Bookticket:(Age_limit,R_id,R_name,Fare,T_name,,T_gender,T_id,T_contact)

1NF:

T_contact is multivalued attribute

- Age_limit,R_id,R_name,Fare,T_name,,T_gender,T_id,T_contact ,m_time,m_name,m_type

2NF:

- R_id,R_name,fare,age,limit
- T_id,T_name,T_gender,T_contact
- M_time,M_name,M_type

3NF:

There is no transitive dependency

- R_id,R_name,fare,Age,_limit
- T_id,T_name,T_gender,T_contact
- M_time,M_name,M_type

Table creation

- R_id,R_name,fare,Age_limit
- T_id,T_name,T_gender,T_contact
- M_time,M_name,M_type
- R_id,T_id

show:(C_name,C_type,m_time,m_name,m_type)

1Nf: C_name,C_type,m_time,m_name,m_type

2NF:

- C_name,C_type
- M_time,m_name,m_type

3NF:

There is no transitive dependency

- C_name,C_type
- m_time,m_name,m_type

Table creation:

- C_name,C_type
- m_time,m_name,m_type

visit:(z_no,z_type,RS_name,RS_no,Me_type,Me_no,mu_type,mu_name, L_no)

1NF:

- z_no,z_type,RS_name,RS_no,Me_type,Me_no,mu_type,mu_name, L_no

2NF:

- z_no,z_type,RS_no,Me_type, Me_no,mu_type, ,l_no.

- Rs_name, Rs_no, Me_type, mu_type, Me_no, mu_name,

3Nf:

There is no transitive dependency

- z_no, z_type, RS_no, Me_type, mu_type, Me_no, l_no.
- Me_type, Me_no, mu_type, mu_name,
- Rs_name, Rs_no

Table creation:

- z_no, z_type, RS_no, Me_type, Me_no, mu_type, L_type, L_no.
- , Me_type, Me_no, mu_type, mu_name, L_type,
- Rs_name, Rs_no

help:(S_id, S_name, S_age, S_gender, S_contact, S_salary, Hire_date, t_id, t_name, t_gender, t_contact)

1Nf:

- S_id, S_name, S_age, S_gender, S_contact, S_salary, Hire Date, t_id, t_name, t_gender, t_contact

2NF

- S_id, S_name, S_age, S_gender, S_contact, S_salary, Hire Date
- t_id, t_name, t_gender, t_contact

3NF There is no transitive dependency.

- S_id, S_name, S_age, S_gender, S_contact, S_salary, Hire Date
- T_id, t_name, t_gender, t_contact

Table creation

- S_id, S_name, S_age, S_gender, S_contact, S_salary, Hire Date
- t_id, t_name, t_gender, t_contact

payment:(B_id, Date, Amount, T_name, T_name, T_gender, T_id)

+

1NF:

- B_id, Date, Amount, T_name, T_name, T_gender, T_id

2NF:

- B_id, Date, Amount, T_name

- T_name, T_gender, T_id

3NF: There is no transitive dependency

- B_id, Date, Amount, T_name
- T_name, T_gender, T_id
- T_name, T_id

Table create:

- B_id, Date, Amount, T_name
- T_name, T_gender, T_id
- T_name, T_id

Is: (s_id, s_name, s_contact, s_salary, hire_date, r_id, r_name, fare, age_limit, T_name, T_gender, T_id)

1NF:

- s_id, s_name, s_contact, s_salary, hire_date, r_id, r_name, fare, age_limit, T_name, T_gender, T_id

2NF: S_contact is multivalued attribute

- s_id,s_name,s_contact,s_salary,hire_date,r-id,r_name,fare,age_limit
- r_id,r_name;fare,age_limit,T_name,T_gender,

3NF: There is no transitive dependency

- s_id,s_name,s_contact,s_salary,hire_date,r-id,r_name,fare,age_limit,,T_name,T_gender,
- r_id,r_name;fare,age_limit,
- T_name,T_gender,

Table creation:

- s_id,s_name,s_contact,s_salary,hire_date,r-id,r_name,fare,age_limit,,T_name,T_gender
- r_id,r_name;fare,age_limit,
- T_name,T_gender

Located by: (Street,town,pincode,pa_type,pa_name)

1NF:

- Street,town,pincode,pa_type,pa_name

2NF:

- pa_type,pa_name

- Street,town,pincode

3NF: There is no transitive dependency

- pa_type,pa_name
- Street,town,pincode

Table creation:

- pa_type,pa_name
- Street,town,pincode

Temporary Table:

1. S_id,S_name,S_age,S_salary,S_contact,Hire_date
2. r_id,r_name,fare,age_limit
3. C_name,C_type
4. m_time,m_name,m_type
5. z_no,z_type,RS_no,Me_type, Me_no,mu_type,L_type,L_no.
6. ,Me_type, Me_no,mu_type,mu_name,L_type,
7. Rs_name,Rs_no
8. S_ me, S_age, S_gender, S_contact, S_salary, Hire Date
9. t_id,t_name ,t_gender,t_contact
10. B_id,Date,Amount,T_name
11. T_name,T_gender,T_id
12. T_name, T_id
13. s_id,s_name,s_contact,s_salary,hire_date,r-id,r_name,fare,age_limit,,T_name,T_gender
14. r_id,r_name;fare,age_limit,
15. pa_type,pa_name
16. Street,town,pincode

Final Table:

1.r_id,r_name,fare,age_limit

2.s_id,s_name,s_contact,s_salary,hire_date,r-id,r_name,fare,age_limit,,T_name,T_gender

3. Rs_name,Rs_no

4.C_name,C_type

5. B_id,Date,Amount,T_name

6. Me_type, Me_no,mu_type,mu_name,L_type,

7. T_name, T_id

8.pa_type,pa_name

Table creation:

Bill

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```
create table bill(  
  b_id number(10) primary key,  
  time varchar2(15),  
  amount number(10),  
  t_name varchar2(10)  
)  
desc bill
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **BILL**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
BILL	B_ID	Number	-	10	0	1	-	-	-
	TIME	Varchar2	15	-	-	-	✓	-	-
	AMOUNT	Number	-	10	0	-	✓	-	-
	T_NAME	Varchar2	10	-	-	-	✓	-	-

1 - 4

Cineplex

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Home > SQL > SQL Commands

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Save Run

```
Create table Cineplex(  
  c_name varchar2(15),  
  c_type varchar2(10)  
)  
desc Cineplex
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CINEPLEX

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CINEPLEX	C_NAME	Varchar2	15	-	-	-	✓	-	-
	C_TYPE	Varchar2	10	-	-	-	✓	-	-

1 - 2

Language: en-us

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86°F Mostly clear

12:36 AM 8/23/2022

Lake

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Save Run

```
Create table Lake(  
  l_no number(10) primary key,  
  T_id number(10)  
)  
Alter table Lake add constrain T_id_fk foreign key(t_id) references tourist(t_id)  
desc Lake
```

Results Explain Describe Saved SQL History

Object Type TABLE Object LAKE

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
LAKE	L_NO	Number	-	10	0	1	-	-	-
	T_ID	Number	-	10	0	-	✓	-	-

1 - 2

Location

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Home > SQL > SQL Commands

☒ Autocommit Display 10 Save Run

```
Create table Location(  
street varchar2(10),  
town varchar2(10),  
pin_code number(10) primary key  
)  
desc Location
```

Results Explain Describe Saved SQL History

Object Type TABLE Object LOCATION

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
LOCATION	STREET	Varchar2	10	-	-	-	✓	-	-
	TOWN	Varchar2	10	-	-	-	✓	-	-
	PIN_CODE	Number	-	10	0	1	-	-	-

1 - 3

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Menu

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Home > SQL > SQL Commands

☒ Autocommit Display 10

```
create table Menu(  
me_id number(10) primary key,  
rs_id number(10),  
me_details varchar2(30)  
)  
Alter table Menu add constrain rs_id_fk foreign key(rs_id) references restaurent(rs_id)  
desc menu
```

Results Explain Describe Saved SQL History

Object Type TABLE Object MENU

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MENU	ME_ID	Number	-	10	0	1	-	-	-
	RS_ID	Number	-	10	0	-	✓	-	-
	ME_DETAILS	Varchar2	30	-	-	-	✓	-	-

1 - 3

Multimedia

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Home > SQL > SQL Commands

☒ Autocommit Display 10

Save Run

```
Create table Multimedia(
m_time varchar2(15),
m_name varchar2(10),
m_type varchar2(10)
)
desc Multimedia
```

Results Explain Describe Saved SQL History

Object Type TABLE Object MULTIMEDIA

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MULTIMEDIA	M_TIME	Varchar2	15	-	-	-	✓	-	-
	M_NAME	Varchar2	10	-	-	-	✓	-	-
	M_TYPE	Varchar2	10	-	-	-	✓	-	-

1 - 3

Language: en-us

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Museum

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Home > SQL > SQL Commands

☒ Autocommit Display 10

Save Run

```
Create table Museum(
mu_no number(10) primary key,
t_id number(10),
mu_name varchar2(20)
)
Alter table Museum add constrain t_id_fk foreign key(t_id) references tourist(t_id)
desc Museum
```

Results Explain Describe Saved SQL History

Object Type TABLE Object MUSEUM

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MUSEUM	MU_NO	Number	-	10	0	1	-	-	-
	T_ID	Number	-	10	0	-	✓	-	-
	MU_NAME	Varchar2	20	-	-	-	✓	-	-

1 - 3

Park

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Home > SQL > SQL Commands

Autocommit Display 10

Save Run

```
Create table Park(
pa_type varchar2(10),
pa_name varchar2(10)
)
desc park
```

Results Explain Describe Saved SQL History

Object Type TABLE Object PARK

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PARK	PA_TYPE	Varchar2	10	-	-	-	✓	-	-
	PA_NAME	Varchar2	10	-	-	-	✓	-	-

1 - 2

Language: en-us

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Partnership

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Autocommit Display 10

Save Run

```
create table partnership(
p_id number(10) primary key,
p_type varchar2(15)
)
desc partnership
```

Results Explain Describe Saved SQL History

Object Type TABLE Object PARTNERSHIP

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PARTNERSHIP	P_ID	Number	-	10	0	1	-	-	-
	P_TYPE	Varchar2	15	-	-	-	✓	-	-

1 - 2

Language: en-us

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Person

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Home > SQL > **SQL Commands**

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```
create table person(
pe_id number(10) primary key,
s_id number(10),
t_id number(10),
pe_gender varchar2(10),
check(pe_gender in('F','M'))
)
desc person
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **PERSON**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PERSON	PE_ID	Number	-	10	0	1	-	-	-
	S_ID	Number	-	10	0	-	✓	-	-
	T_ID	Number	-	10	0	-	✓	-	-
	PE_GENDER	Varchar2	10	-	-	-	✓	-	-
									1 - 4

Language: en-us

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85°F Cloudy 10:00 PM 8/23/2022

Staff

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```
create table Staff(
s_id number(10),
t_id number(10),
s_name varchar2(15),
s_gender varchar2(10),
s_salary number(10),
s_contact number(11),
hire_date date,
Check(s_gender in ('F','M'))
)
alter table staff add constraint st primary key(s_id)
desc staff
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **STAFF**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STAFF	S_ID	Number	-	10	0	-	✓	-	-
	T_ID	Number	-	10	0	-	✓	-	-
	S_NAME	Varchar2	15	-	-	-	✓	-	-
	S_GENDER	Varchar2	10	-	-	-	✓	-	-
	S_SALARY	Number	-	10	0	-	✓	-	-
	S_CONTACT	Number	-	11	0	-	✓	-	-
	HIRE_DATE	Date	7	-	-	-	✓	-	-

Language: en-us

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84°F Partly cloudy 12:14 AM 8/22/2022

Tourist

[Home](#) > [SQL](#) > **SQL Commands**

Save Run

 Object Type **TABLE** Object **TOURIST**

1 - 4

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User: SCOTT

[Home](#) > [SQL](#) > **SQL Commands**

☒ Autocommit **Display** 10 ▼

```
desc zoo
```

Results Explain Describe Saved SQL History

1 - 3

Ride

Home > SQL > SQL Commands

☒ Autocommit
 Display 10

Save

Run

```

create table Ride(
r_id number(10) primary key,
s_id number(15),
r_name varchar2(10),
fare number(10)
)
Alter table Ride add constraint s_id fk foreign key(s_id) references staff(s_id)
desc ride

```

1

Results

Explain

Describe

Saved SQL

History

Object Type **TABLE** Object **RIDE**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>RIDE</u>	<u>R_ID</u>	Number	-	10	0	1	-	-	-
	<u>S_ID</u>	Number	-	15	0	-	✓	-	-
	<u>R_NAME</u>	Varchar2	10	-	-	-	✓	-	-
	<u>FARE</u>	Number	-	10	0	-	✓	-	-
1 - 4									

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Language: en-us

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Restaurant

Home > SQL > SQL Commands

☒ Autocommit
 Display

```

create table Restaurent(
rs_name varchar2(25),
rs_id number(10) primary key
)
desc Restaurent
        
```

Results Explain Describe Saved SQL History

Object Type

TABLE

Object

RESTAURENT


Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>RESTAURENT</u>	<u>RS_NAME</u>	Varchar2	25	-	-	-	✓	-	-
	<u>RS_ID</u>	Number	-	10	0	1	-	-	-

1 - 2

Data Insertion

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 

```
INSERT INTO Lake values (01,501)
INSERT INTO Lake values (02,502)
INSERT INTO Lake values (03,505)
select* from Lake
```

Results Explain Describe Saved SQL History

L_NO	T_ID
1	501
2	502
3	505

3 rows returned in 0.00 seconds

[CSV Export](#)

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 Save Run

```
INSERT INTO Location values ('Tonggi Rd','Gazipur','4500' );
```

```
select* from Location
```

Results Explain Describe Saved SQL History

STREET	TOWN	PIN_CODE
Tonggi Rd	Gazipur	4500

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

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85°F Cloudy 9:28 PM 8/23/2022

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 Save Run

```
INSERT INTO Menu values (01,111,'Rice,Dal,Mutton,Beff,Vegetable')
```

```
INSERT INTO Menu values (02,112,'Fried Rice,Chicken,Beef Soup')
```

```
INSERT INTO Menu values (03,113,'Pizza,Burger,Wages,Drinks')
```

```
INSERT INTO Menu values (04,114,'Sussi,Damplink,Momo,Onion Soup')
```

```
Select* from Menu
```

Results Explain Describe Saved SQL History

ME_ID	RS_ID	ME_DETAILS
1	111	Rice,Dal,Mutton,Beff,Vegetable
2	112	Fried Rice,Chicken,Beef Soup
3	113	Pizza,Burger,Wages,Drinks
4	114	Sussi,Damplink,Momo,Onion Soup

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

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

Run

```
INSERT INTO Multimedia values ('8.00 Am',' War','Crime' );
INSERT INTO Multimedia values ('4.00 Am',' JK',' Triller' )
INSERT INTO Multimedia values ('5.00 Am',' Sky','Adventure')
INSERT INTO Multimedia values ('6.00 Am',' No Limit','Action' )
INSERT INTO Multimedia values ('3.00 Am',' High Hope','Comedy' )
```

```
select* from Multimedia
```



Results Explain Describe Saved SQL History

M_TIME	M_NAME	M_TYPE
8.00 Am	War	Crime
4.00 Am	JK	Triller
5.00 Am	Sky	Adventure
6.00 Am	No Limit	Action
3.00 Am	High Hope	Comedy

5 rows returned in 0.00 seconds

[CSV Export](#)

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Language: en-us

85°F
Cloudy



9:21 PM
8/23/2022

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User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display ▼

```
INSERT INTO Museum values (01,503,'Archaeologists')  
INSERT INTO Museum values (02,503,'Freedom Fighter M')
```

```
select* from Museum
```

Results Explain Describe Saved SQL History

MU_NO	T_ID	MU_NAME
1	503	Archaeologists
2	503	Freedom Fighter M

2 rows returned in 0.00 seconds

[CSV Export](#)

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 Save Run

```
INSERT INTO Park values ('Amusement','Fantasy' );
```



```
select* from Park
```

Results Explain Describe Saved SQL History

PA_TYPE	PA_NAME
Amusement	Fantasy

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

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User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 Save Run

```
INSERT INTO Partnership values (111,'Bronze')
INSERT INTO Partnership values (142,' Bronze')
INSERT INTO Partnership values (213,' Silver')
INSERT INTO Partnership values (535,' Diamond')
INSERT INTO Partnership values (257,' Gold')
```



```
select* from Partnership
```

Results Explain Describe Saved SQL History

P_ID	P_TYPE
111	Bronze
142	Bronze
213	Silver
535	Diamond
257	Gold

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

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User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10

Save

Run

```
INSERT INTO Person values (101,201,501, 'M')
INSERT INTO Person values (102,202,501, 'M')
INSERT INTO Person values (103,203,501, 'M')
INSERT INTO Person values (104,204,501, 'M' )
INSERT INTO Person values (105,205,501, 'M' )
```

```
select* from person
```



Results Explain Describe Saved SQL History

PE_ID	S_ID	T_ID	PE_GENDER
101	201	501	M
102	202	501	M
103	203	501	M
104	204	501	M
105	205	501	M

5 rows returned in 0.00 seconds

[CSV Export](#)

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Language: en-us

85°F
Cloudy



10:05 PM
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User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▾

```
INSERT INTO Restaurent VALUES ('HOTEL INTERNATIONAL',111)
INSERT INTO Restaurent VALUES ('MIAMI INTERNATIONAL',112)
INSERT INTO Restaurent VALUES ('THE TAZ',113)
INSERT INTO Restaurent VALUES ('HEAVEN',114)
```

```
select* from Restaurent
```

Results Explain Describe Saved SQL History

RS_NAME	RS_ID
HOTEL INTERNATIONAL	111
MIAMI INTERNATIONAL	112
THE TAZ	113
HEAVEN	114

4 rows returned in 0.02 seconds

[CSV Export](#)

☒ Autocommit Display 10 ▼

```
INSERT INTO Ride values (01,201,'MagicBox','100' )  
INSERT INTO Ride values (02,201,'Rolling','100' )  
INSERT INTO Ride values (03,201,'Jump&jack','100' )  
INSERT INTO Ride values (04,202,'Car Race','100' )  
INSERT INTO Ride values (05,204,'Gun Fight','100' )
```

```
select*from ride
```

Results Explain Describe Saved SQL History

R_ID	S_ID	R_NAME	FARE
1	201	MagicBox	100
2	201	Rolling	100
3	201	Jump&jack	100
4	202	Car Race	100
5	204	Gun Fight	100

5 rows returned in 0.00 seconds

[CSV Export](#)

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

Run

```
INSERT INTO Staff values (201,501, 'Sadik', 'M', '8000', '0171711111', '10-March-2022' )
INSERT INTO Staff values (202,502, 'Mitul', 'M', '7000', '01717145234', '23-May-2022' )
INSERT INTO Staff values (203,503, 'Sabab', 'M', '6000', '01717144568', '21-May-2022' )
INSERT INTO Staff values (204,504, 'Wahid', 'M', '4500', '01717146780', '4-April-2022' )
INSERT INTO Staff values (205,505, 'Robin', 'M', '4000', '01717464790', '3-Jan-2022' )
select* from staff
```



Results Explain Describe Saved SQL History

S_ID	T_ID	S_NAME	S_GENDER	S_SALARY	S_CONTACT	HIRE_DATE
201	501	Sadik	M	8000	1717111111	10-MAR-22
202	502	Mitul	M	7000	1717145234	23-MAY-22
203	503	Sabab	M	6000	1717144568	21-MAY-22
204	504	Wahid	M	4500	1717146780	04-APR-22
205	505	Robin	M	4000	1717464790	03-JAN-22

5 rows returned in 0.00 seconds

[CSV Export](#)85°F
Cloudy8:33 PM
8/23/2022

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

Run

```
INSERT INTO Tourist values(501, 'Mohit', 'M', '01717145790' );
INSERT INTO Tourist values(502, 'Sumit', 'M', '01777171717' );
INSERT INTO Tourist values(503, 'Faria', 'F', '01712345678' );
INSERT INTO Tourist values(504, 'Mouli', 'F', '01717222222' );
INSERT INTO Tourist values(505, 'Rohit', 'M', '01717111111' );
```

Select* from Tourist



Results Explain Describe Saved SQL History

T_ID	T_NAME	T_GENDER	T_CONTRACT
501	Mohit	M	1717145790
502	Sumit	M	1777171717
503	Faria	F	1712345678
504	Mouli	F	1717222222
505	Rohit	M	1717111111

5 rows returned in 0.00 seconds

[CSV Export](#)85°F
Cloudy8:22 PM
8/23/2022

Application Express 2.1.0.00.39

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▾

```
INSERT INTO Zoo values (01,501,'Exotic Animal Zoo')
INSERT INTO Zoo values (02,503,'Birds Zoo')
INSERT INTO Zoo values (03,505,'Wild Animal Zoo')
```

```
select* from Zoo
```

Results Explain Describe Saved SQL History

Z_NO	T_ID	Z_TYPE
1	501	Exotic Animal Zoo
2	503	Birds Zoo
3	505	Wild Animal Zoo

3 rows returned in 0.00 seconds

[CSV Export](#)

☒ Autocommit Display 10 

```
INSERT INTO Bill values (601,'3.00 Am','200','Mohit')
INSERT INTO Bill values (602,'1.00 Am','500','Sumit')
INSERT INTO Bill values (603,'2.00 Am','250','Faria')
INSERT INTO Bill values (604,'5.00 Am','400','Mouli')
INSERT INTO Bill values (605,'3.00 Am','150','Rohit')
```

```
select* from bill
```

Results Explain Describe Saved SQL History

B_ID	TIME	AMOUNT	T_NAME
601	3.00 Am	200	Mohit
602	1.00 Am	500	Sumit
603	2.00 Am	250	Faria
604	5.00 Am	400	Mouli
605	3.00 Am	150	Rohit

5 rows returned in 0.02 seconds

[CSV Export](#)

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display

```
INSERT INTO cineplex values ('Roy','Drama')
INSERT INTO cineplex values ('Veer','Romantic')
INSERT INTO cineplex values ('Mr Bean','Comedy')
INSERT INTO cineplex values ('D.B','Triller')
INSERT INTO cineplex values ('No limit','Action')
select*from cineplex
```

Results Explain Describe Saved SQL History

C_NAME	C_TYPE
Roy	Drama
Veer	Romantic
Mr Bean	Comedy
D.B	Triller
No limit	Action

5 rows returned in 0.00 seconds

[CSV Export](#)

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

Run

```
INSERT INTO Multimedia values ('8.00 Am',' War','Crime' );
INSERT INTO Multimedia values ('4.00 Am',' JK',' Triller' )
INSERT INTO Multimedia values ('5.00 Am',' Sky','Adventure')
INSERT INTO Multimedia values ('6.00 Am',' No Limit',' Action' )
INSERT INTO Multimedia values ('3.00 Am',' High Hope',' Comedy' )
```

select* from Multimedia



Results Explain Describe Saved SQL History

M_TIME	M_NAME	M_TYPE
8.00 Am	War	Crime
4.00 Am	JK	Triller
5.00 Am	Sky	Adventure
6.00 Am	No Limit	Action
3.00 Am	High Hope	Comedy

5 rows returned in 0.00 seconds

[CSV Export](#)

Application Express 2.1.0.00.39

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Language: en-us

85°F
Cloudy



9:21 PM
8/23/2022

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

Run

```
INSERT INTO Tourist values(501, 'Mohit', 'M' , '01717145790' );
INSERT INTO Tourist values(502, 'Sumit', 'M' , '01777171717' );
INSERT INTO Tourist values(503, 'Faria', 'F' , '01712345678' );
INSERT INTO Tourist values(504, 'Mouli', 'F' , '01717222222' );
INSERT INTO Tourist values(505, 'Rohit', 'M' , '01717111111' );
```

Select* from Tourist



Results Explain Describe Saved SQL History

T_ID	T_NAME	T_GENDER	T_CONTRACT
501	Mohit	M	1717145790
502	Sumit	M	1777171717
503	Faria	F	1712345678
504	Mouli	F	1717222222
505	Rohit	M	1717111111

5 rows returned in 0.00 seconds

[CSV Export](#)

Application Express 2.1.0.00.39

85°F
Cloudy



8:22 PM
8/23/2022

Query

Q1: Display the name and salary who's salary is greater than s_id 202.

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▾

Display the name and salary who's salary is greater than s_id 202.

```
select s_name from staff where s_salary > (select s_salary from staff where s_id=202)
```

Results Explain Describe Saved SQL History

S_NAME
Sadik

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

Q2: Display the name and salary who's salary is less than s_id 204.

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▾

Display the name and salary who's salary is less than s_id 204.

```
select s_name from staff where s_salary < (select s_salary from staff where s_id=204)
```

Results Explain Describe Saved SQL History

S_NAME
Robin

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

Q3. Display the name and r_id of all ride those fare is equal to the minimum fare.

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▾

Display the name and r_id of all ride those fare is equal to the minimum fare.

```
select r_name,r_id from ride where fare=(select min(fare) from ride)
```

Results Explain Describe Saved SQL History

R_NAME	R_ID
MagicBox	1

1 rows returned in 0.02 seconds

[CSV Export](#)

Q4. Display the name and r_id of all ride those fare is equal to the maximum fare.

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display ▾

Display the name and r_id of all ride those fare is equal to the maximum fare.

```
select r_name,r_id from ride where fare=(select max(fare) from ride)
```

Results Explain Describe Saved SQL History

R_NAME	R_ID
Float Boat	5


1 rows returned in 0.00 seconds

[CSV Export](#)

Q5. Write a query to display r_name,s_id and s_name for all.

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 

Write a query to display r_name,s_id and s_name for all.

```
select r_name,staff.s_id,s_name from ride,staff where ride.s_id=staff.s_id
```

Results Explain Describe Saved SQL History

R_NAME	S_ID	S_NAME
MagicBox	201	Sadik
Rolling	202	Mitul
Jump Jack	203	Sabab
Car Fight	204	Wahid
Float Boat	205	Robin

5 rows returned in 0.01 seconds

[CSV Export](#)

Q6. Display s_name ,t_id for all who have l in their name.

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▾

Display s_name ,t_id for all who have I in their name.

```
select s_name,tourist.t_id from staff,tourist where staff.t_id=tourist.t_id and s_name like '%i%'
```

Results Explain Describe Saved SQL History

S_NAME	T_ID
Sadik	501
Mitul	502
Wahid	504
Robin	505

4 rows returned in 0.00 seconds

[CSV Export](#)

Q7: Display s_name ,t_id for all who have A in their name.

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▾

Display s_name ,t_id for all who have A in their name.

```
select s_name,tourist.t_id from staff,tourist where staff.t_id=tourist.t_id and s_name like '%a%'
```

Results Explain Describe Saved SQL History

S_NAME	T_ID
Sadik	501
Sabab	503
Wahid	504

3 rows returned in 0.00 seconds

[CSV Export](#)

Q8: Display zoo type and t_id who visit z_no 1

ORACLE® Database Express Edition

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▾

Display zoo type and t_id who visit z_no 1
select z_type,t_id from zoo where z_no=01

Results Explain Describe Saved SQL History

Z_TYPE	T_ID
Exotic Animal Zoo	501

1 rows returned in 0.00 seconds

[CSV Export](#)

Q9: Display t_id who is going to museum.

ORACLE® Database Express Edition

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

Display t_id who is going to museum.
SELECT DISTINCT T_ID
FROM MUSEUM

Results Explain Describe Saved SQL History

T_ID
503

1 rows returned in 0.00 seconds

[CSV Export](#)

Q10: Display r_id,r_name and fare who's s_id is 201 manage the Ride.

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display ▼

```
Display r_id,r_name and fare who's s_id is 201 manage the Ride.  
select r_id,r_name,fare  
from Ride  
where s_id=201;
```

Results Explain Describe Saved SQL History

R_ID	R_NAME	FARE
1	MagicBox	100
2	Rolling	100
3	Jump&jack	100

3 rows returned in 0.00 seconds

[CSV Export](#)

View

Q1: Create a view called s_view base on the staff name , staff id and staff gender from the staff table.

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▾

```
Create a view called s_view base on the staff name , staff id and staff gender from the staff table.  
CREATE VIEW s_view  
AS  
SELECT S_ID,S_NAME,S_GENDER FROM STAFF  
SELECT*FROM s_view
```

Results Explain Describe Saved SQL History

S_ID	S_NAME	S_GENDER
201	Sadik	M
202	Mitul	M
203	Sabab	M
204	Wahid	M
205	Robin	M

5 rows returned in 0.00 seconds

[CSV Export](#)

Q2: A view name t_view base on tourist name,touristid,tourist contact from the tourist table.

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▾

```
A view name t_viwe base on tourist name,touristid,tourist contact from the tourist table.  
CREATE VIEW t_view  
AS  
SELECT t_name, t_id, T_contract from tourist  
SELECT*FROM t_view
```

Results Explain Describe Saved SQL History

T_NAME	T_ID	T_CONTRACT
Mohit	501	1717145790
Sumit	502	1777171717
Faria	503	1712345678
Mouli	504	1717222222
Rohit	505	1717111111

5 rows returned in 0.00 seconds

[CSV Export](#)

Q3: A view name b_viwe base on bill id,T_name,Amount from the Bill table.

User: SCOTT

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
A view name b_viwe base on bill id,T_name,Amount from the Bill table.  
CREATE VIEW b_view  
AS  
SELECT t_name, b_id, amount from bill  
SELECT*FROM b_view
```

Results Explain Describe Saved SQL History

T_NAME	B_ID	AMOUNT
Mohit	601	200
Sumit	602	500
Faria	603	250
Mouli	604	400
Rohit	605	150

5 rows returned in 0.00 seconds

[CSV Export](#)

Q4: Display Park_VU.

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Display Park_VU.  
CREATE VIEW pa_view  
AS  
SELECT pa_name, pa_type from park  
SELECT*FROM pa_view
```

Results Explain Describe Saved SQL History

PA_NAME	PA_TYPE
Fantasy	Amusement

1 rows returned in 0.00 seconds

[CSV Export](#)

Q5: Display Location_VU.

☒ Autocommit Display 10 ▼

```
Display Location_VU.
CREATE VIEW l_view
AS
SELECT pin_code, street , town from location
SELECT*FROM l_view
```

Results Explain Describe Saved SQL History

PIN_CODE	STREET	TOWN
4500	Tonggi Rd	Gazipur

1 rows returned in 0.00 seconds

[CSV Export](#)

Language: en-US

Sequence

Q1. Create a sequence to be used with the primary key column of the Tourist table. The sequence should start at 1 and have a maximum value of 700. Have your sequence increment by one numbers. Name the sequence T_ID_SEQ.

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

F

Create a sequence to be used with the primary key column of the Tourist table. The sequence should start at 506 and have a maximum value of 700. Have your sequence increment by ten numbers. Name the sequence T_ID_SEQ.

```
create sequence tourist_seq
start with 1
Increment by 1
maxvalue 700
```

```
INSERT INTO Tourist values(tourist_seq.nextval,'Nahid','M', '01871234566' )
INSERT INTO Tourist values(tourist_seq.nextval,'Sahid','M', '01871245566' )
```

select* from tourist



Results Explain Describe Saved SQL History

T_ID	T_NAME	T_GENDER	T_CONTRACT
1	Nahid	M	1871234566
2	Sahid	M	1871245566
501	Mohit	M	1717145790
502	Sumit	M	1777171717
503	Faria	F	1712345678
504	Mouli	F	1717222222
505	Rohit	M	1717111111

7 rows returned in 0.00 seconds

CSV Export

Application Express 2.1.0

Language: en-us

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Q2:

Create a sequence to be used with the primary key column of the Ride table. The sequence should start at 1 and have a maximum value of 500. Have your sequence increment by one numbers. Name the sequence R_ID_SEQ.

Create sequence ride_seq

User: SCOTT

Home Logout

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save

Run

Create a sequence to be used with the primary key column of the Ride table. The sequence should start at 1 and have a maximum value of 500. Have your sequence increment by one numbers.

```
create sequence ride_seq
start with 1
Increment by 1
maxvalue 500
nocycle
catch 10
```

```
INSERT INTO Ride values (ride_seq.nextval,203,'HighJum',200)
```

select*from ride



Results Explain Describe Saved SQL History

R_ID	S_ID	R_NAME	FARE
6	203	HighJum	200
7	203	HighJum	200
8	203	HighJum	200
1	201	MagicBox	100
2	201	Rolling	100
3	201	Jump&jack	100
4	202	Car Race	100
5	204	Gun Fight	100

8 rows returned in 0.00 seconds

CSV Export

Application Express 2.1.0.0.3

Language: en-us

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Q3: Create a sequence to be used with the primary key column of the Person table. The sequence should start at 1 and have a maximum value of 200. Have your sequence increment by 10 numbers. Name the sequence pe_ID_SEQ.

Autocommit Display 10 Save Run

Create a sequence to be used with the primary key column of the Person table. The sequence should start at 1 and have a maximum value of 200. Have your sequence increment by 10 numbers. Name the sequence pe_ID_SEQ.

```

Create sequence person_seq
start with 1
Increment by 10
maxvalue 200
nocycle
catch 10

INSERT INTO Person values (person_seq.nextval,staff_seq.nextval,tourist_seq.nextval,'M')
INSERT INTO Person values (person_seq.nextval,staff_seq.nextval,tourist_seq.nextval,'M')
INSERT INTO Person values (person_seq.nextval,staff_seq.nextval,tourist_seq.nextval,'M')
select*from person

```

Results Explain Describe Saved SQL History

PE_ID	S_ID	T_ID	PE_GENDER
101	201	501	M
102	202	501	M
103	203	501	M
104	204	501	M
105	205	501	M
41	12	14	M
42	13	15	M
43	14	16	M

8 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.

Q4: Create a sequence to be used with the primary key column of the Lake table. The sequence should start at 1 and have a maximum value of 20. Have your sequence increment by 10 numbers. Name the sequence l_NO_SEQ.

Create sequence lake_seq

User SCOTT Home > SQL > SQL Commands Autocommit Display 10 Save Run

Create a sequence to be used with the primary key column of the Lake table. The sequence should start at 1 and have a maximum value of 20. Have your sequence increment by 10 numbers. Name the sequence l_NO_SEQ.

```

Create sequence lake_seq
start with 1
Increment by 1
maxvalue 20
nocycle
catch 10

INSERT INTO Lake values (lake_seq.nextval,tourist_seq.nextval)
INSERT INTO Lake values (lake_seq.nextval,tourist_seq.nextval)
INSERT INTO Lake values (lake_seq.nextval,tourist_seq.nextval)
INSERT INTO Lake values (lake_seq.nextval,tourist_seq.nextval)
select*from lake

```

Results Explain Describe Saved SQL History

L_NO	T_ID
1	501
2	502
3	505
4	20
5	21
6	22
7	23
8	24
9	25

9 rows returned in 0.02 seconds CSV Export

Language: en-us Application Express 2.1.1 Copyright © 1999, 2006, Oracle. All rights reserved.

Q5: Create a sequence to be used with the primary key column of the Lake table. The sequence should start at 1 and have a maximum value of 100. Have your sequence increment by 1 numbers. Name the sequence l_NO_SEQ.

Create sequence Zoo_seq

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display 10

Save R

Create a sequence to be used with the primary key column of the Lake table. The sequence should start at 1 and have a maximum value of 100. Have your sequence increment by 1 numbers. Name the sequence 1_NO_SEQ.

```
Create sequence Zoo_seq
start with 1
Increment by 1
maxvalue 100
nocycle
catch 10

INSERT INTO Zoo values (lake_seq.nextval,tourist_seq.nextval,'Giant Animal')
INSERT INTO Zoo values (lake_seq.nextval,tourist_seq.nextval,'Domestic')

select*from Zoo
```



Results Explain Describe Saved SQL History

Z_NO	T_ID	Z_TYPE
1	501	Exotic Animal Zoo
2	503	Birds Zoo
3	505	Wild Animal Zoo
10	26	Giant Animal
11	27	Domestic

5 rows returned in 0.00 seconds CSV Export

Name	ID	TASK	C.PERCENTAGE
SOYED MD.SOLAMAN FAJUL	21-44397-1	Table,Inserting,Query,Er diagram,Submit	100%
KHANDKAR MD ANTIK MAHMUD	21-44425-1	Normalization,Introduction	100%
RUKAIYA ISLAM	21-44414-1	View ,Sequence and Edit	100%