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Children's Cancer Hospital 57357 – Egypt

It is the association's largest project and 57357 Hospital is the largest pediatric cancer treatment center in the world in terms of capacity and it is not just a hospital but a pioneering example of change and a comprehensive foundation to combat child cancer providing high-quality medical care to all patients completely free of charge in full justice and without discrimination.

Hospital 57357 set new standards for free health care and introduced new concepts to develop resources for charitable institutions in Egypt to ensure the hospital's financial sustainability, and to maintain its position as a center of excellence in health care, scientific research and educational and training experiences.

The hospital seeks to change the concept of free health care and increase the cure rates for children with cancer to reach global cure rates of 85% and after 10 years of operation we have now reached cure rates of 73%.

Promote Egypt and the 57357 Group and establish and support pivotal initiatives and projects that guarantee sustainability in order to improve levels of recovery for cancer patients comprehensive health care education and institutional charitable work.

❖ *Analysis*

The output of analysis:14 Entities

Entities	Attributes
Doctors	<u>Did</u> , Dname, Daddress , Dphone , Demail , Dgender , DBD , Dage , Dspecialization , Dsalary
Patients	<u>Pid</u> , Pname , Paddress , Pphone , Pgender , DBD , Page
Nurses	<u>Nid</u> , Nname , Naddress , Nphone , Nemail , Ngender , DBD , Nage , Nsalary
Employees	<u>Eid</u> , Ename , Eaddress , Ephone , Eemail , Egender , DBD , Eage , Esalary
Receptionists	<u>REid</u>, REName, REaddress, REphone, REemail, REgender, DBD, REage, RESalary
Rooms	<u>Rnum</u> , Rtype , Rprice , Rfloor , Rstatus
Medicines	<u>Mcode</u> , Mquantity
Operations	<u>Onum</u> , Otype , Odata , Otime
Records	<u>RECnum</u> , RECdiscription , ERCappointment
Bills	<u>Bnum</u> , Bdiscription , Bdata

Laboratories	<u>Lnum</u> , Ldata
Rules	<u>RUname</u> , RUcontent
Offices	<u>OFnum</u> , OFtype
Amobulances	<u>Amedic_id</u> , Amedic_name

❖ ERD Model :-

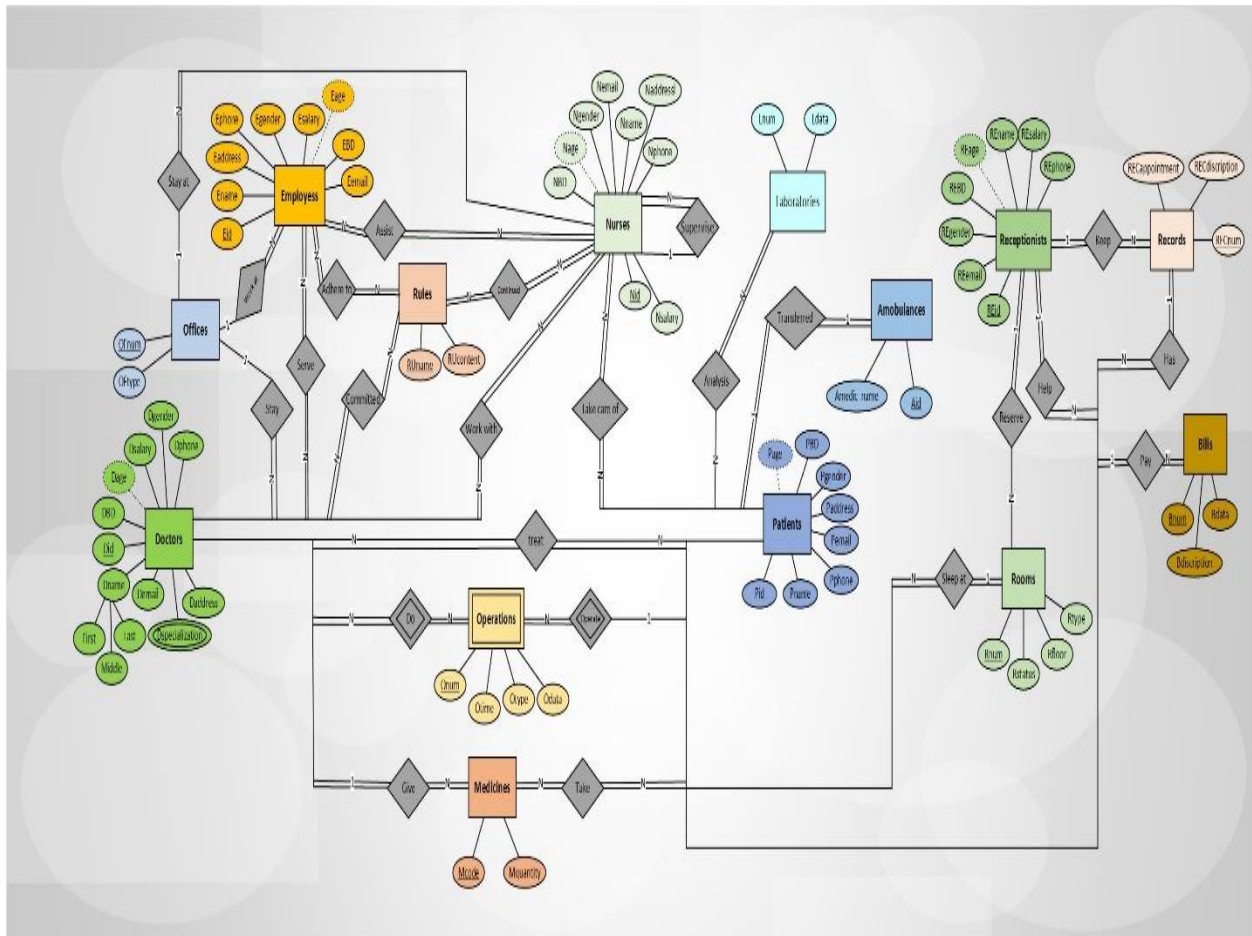


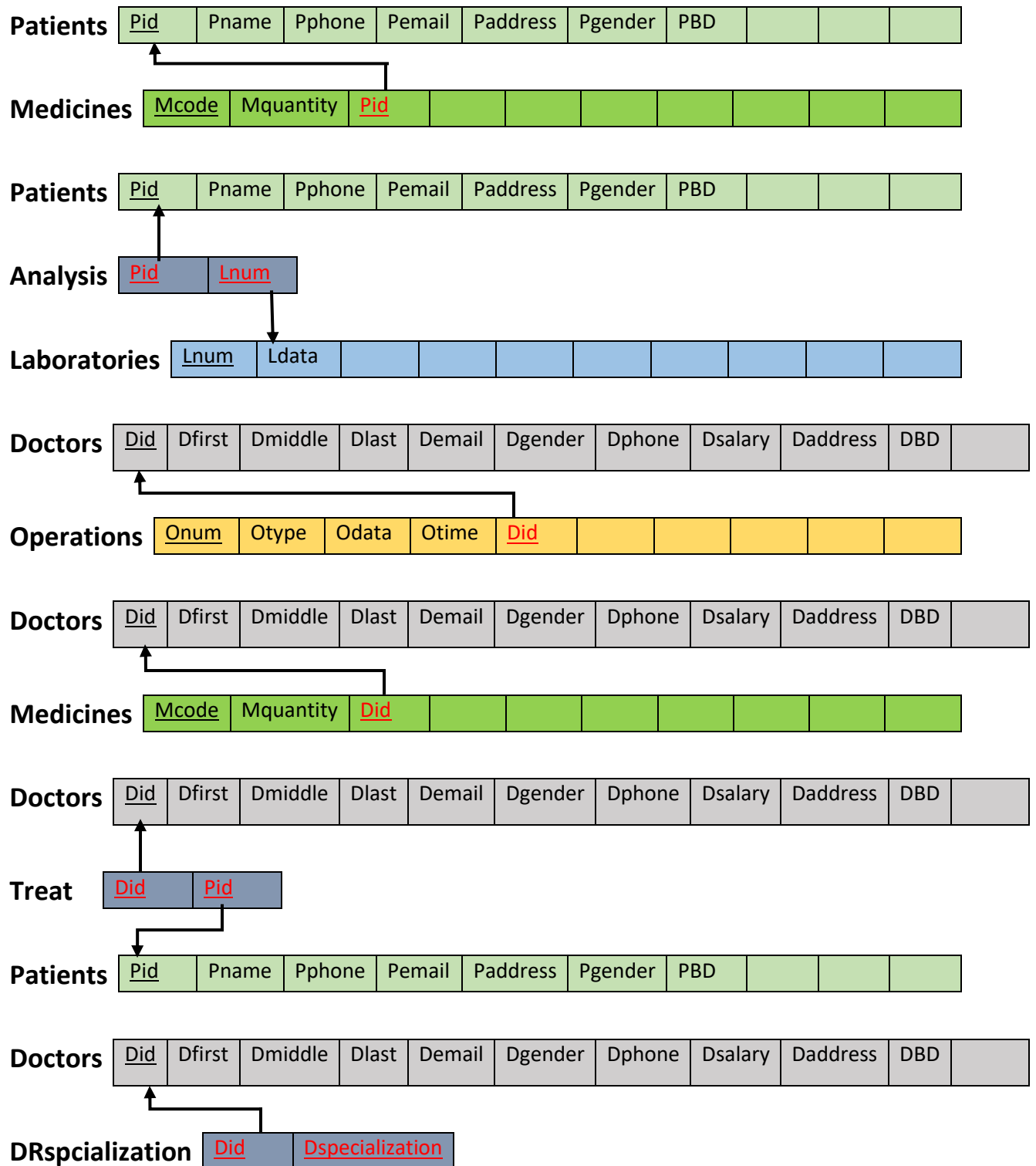
Figure 1 :- ERD

❖ Mapping Model









❖ Notes:-

Derived attributes

- 1-Dage
- 2-Page
- 3-Eage
- 4-Nage
- 5-REage

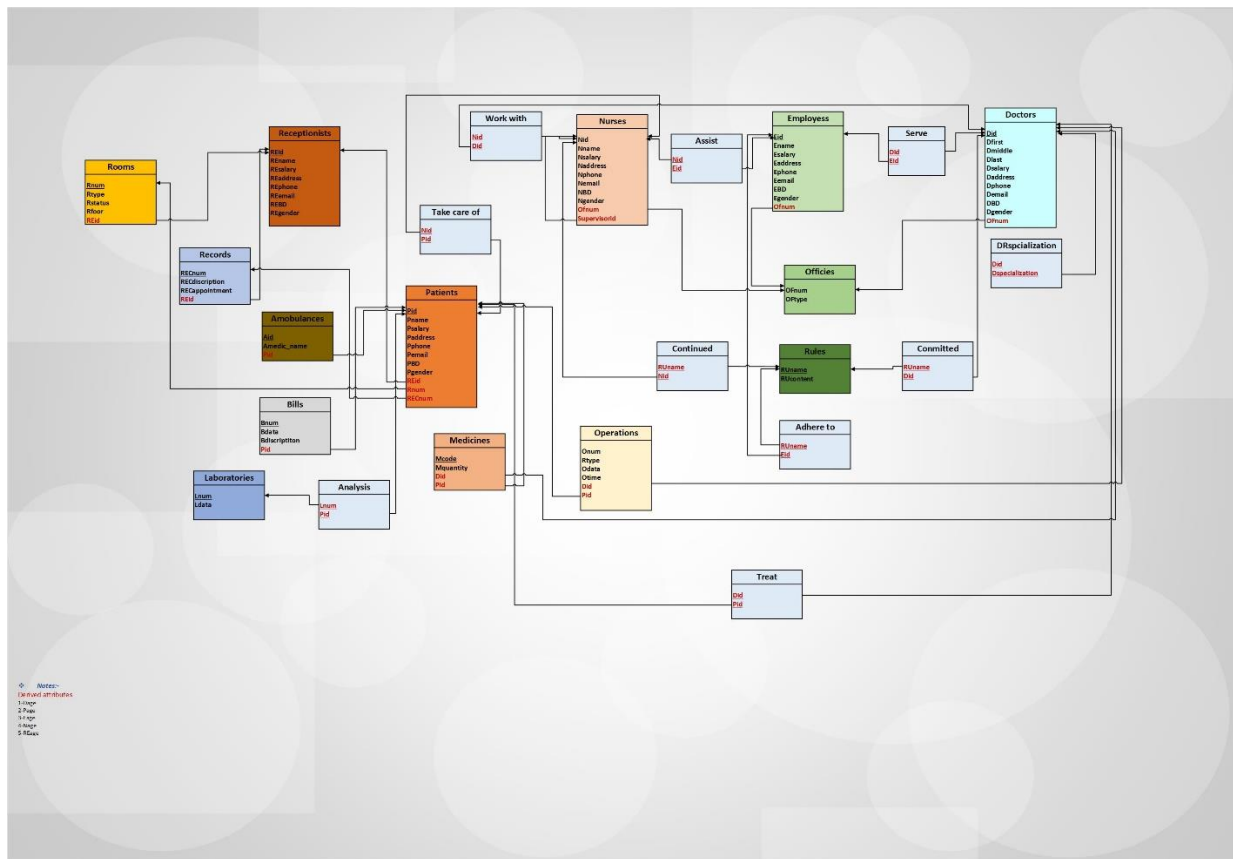


Figure 2 :- Mapping

❖ Stage of creation :-

```
create table patients(
pid int primary key,
pname varchar2(50) not null,
pphone varchar2(40) not null,
pemail varchar2(60),
paddress varchar2(70) not null,
pgender varchar2(50) not null,
pBD varchar2(50) not null,
rnum int references rooms(rnum),
recnum int references records(recnum),
reid int references receptionists (reid)
)
describe patients
```

Results Explain Describe Saved SQL History

Object Type TABLE Object RECEPTIONISTS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
RECEPTIONISTS	REID	Number	-	-	0	1	-	-	-
	RENAM	Varchar2	50	-	-	-	-	-	-
	READDERESS	Varchar2	50	-	-	-	✓	-	-
	REPHONE	Varchar2	20	-	-	-	-	-	-
	REEMAIL	Varchar2	50	-	-	-	-	-	-
	REGENDER	Varchar2	50	-	-	-	-	-	-
	REBD	Varchar2	50	-	-	-	-	-	-
	RESALARY	Float	22	126	-	-	-	-	-

1 - 8

Figure 3 :- Creat Patients

```
create table receptionists(
reid int primary key ,
renam varchar2(50) not null,
readderess varchar2(50),
rephone varchar2(20)not null,
reemail varchar2(50) not null,
regender varchar2(50) not null,
reBD varchar2(50) not null,
resalary float not null
)
describe receptionists
```

Results Explain Describe Saved SQL History

Object Type TABLE Object RECEPTIONISTS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
RECEPTIONISTS	REID	Number	-	-	0	1	-	-	-
	RENAM	Varchar2	50	-	-	-	-	-	-
	READDERESS	Varchar2	50	-	-	-	✓	-	-
	REPHONE	Varchar2	20	-	-	-	-	-	-
	REEMAIL	Varchar2	50	-	-	-	-	-	-
	REGENDER	Varchar2	50	-	-	-	-	-	-
	REBD	Varchar2	50	-	-	-	-	-	-
	RESALARY	Float	22	126	-	-	-	-	-

1 - 8

Figure 4 :- Creat Receptionists

```
create table bills(
bnum int primary key,
bdata varchar2(50) not null,
bdiscription varchar2(80) not null,
pid int references patients(pid)
)
describe bills|
```

Results Explain Describe Saved SQL History

Object Type TABLE Object BILLS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
BILLS	BNUM	Number	-	-	0	1	-	-	-
	BDATA	Varchar2	50	-	-	-	-	-	-
	BDISCRPTION	Varchar2	80	-	-	-	-	-	-
	PID	Number	-	-	0	-	✓	-	-

1 - 4

Figure 5 :- Creat Bills

```
create table amobulances(
amedic_id int primary key,
amedic_name varchar2(50) not null,
pid int references patients(pid)
)
describe amobulances
```

Results Explain Describe Saved SQL History

Object Type TABLE Object AMOBULANCES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AMOBULANCES	AID	Number	-	-	0	1	-	-	-
	AMEDIC_NAME	Varchar2	50	-	-	-	-	-	-
	PID	Number	-	-	0	-	✓	-	-

1 - 3

Figure 6 :- Creat Amobulances

```
create table rooms(
rnum int primary key,
rtype varchar2(50) not null,
rfloor int not null,
rstatus varchar2(50) not null,
reid int references receptionists (reid)
)
describe rooms
```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object ROOMS									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ROOMS	RNUM	Number	-	-	0	1	-	-	-
	RTYPE	Varchar2	50	-	-	-	-	-	-
	RFLOOR	Number	-	-	0	-	-	-	-
	RSTATUS	Varchar2	50	-	-	-	-	-	-
	REID	Number	-	-	0	-	✓	-	-
1 - 5									

Figure 7 :- Creat Rooms


```

create table records(
  recnum int primary key,
  recdiscription varchar2(80) not null,
  recappointment varchar2(60) not null,
  reid int references receptionists (reid)
)
describe records

```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
RECORDS	RECNUM	Number	-	-	0	1	-	-	-
	RECDISCRPTION	Varchar2	80	-	-	-	-	-	-
	RECAPPOINTMENT	Varchar2	60	-	-	-	-	-	-
	REID	Number	-	-	0	-	✓	-	-
1 - 4									

Figure 8 :- Creat Records

```

create table laboratories(
  lnum int primary key,
  ldata varchar2(50) not null
)
describe laboratories

```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
LABORATORIES	LNUM	Number	-	-	0	1	-	-	-
	LDATA	Varchar2	50	-	-	-	-	-	-
1 - 2									

Figure 9 :- Creat Laboratories

```

create table analysis(
  pid int references patients(pid),
  lnum int references laboratories(lnum),
  primary key(pid,lnum)
)
describe analysis

```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ANALYSIS	PID	Number	-	-	0	1	-	-	-
	LNUM	Number	-	-	0	2	-	-	-
1 - 2									

Figure 10 :- Creat Analysis

```

create table offices (
ofnum int primary key,
oftype varchar2(50) not null
)
describe offices

```

Results Explain Describe Saved SQL History

Object Type TABLE Object OFFICES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
OFFICES	OFNUM	Number	-	-	0	1	-	-	-
	OFTYPE	Varchar2	50	-	-	-	-	-	-
1 - 2									

Figure 11 :- Creat Offices

```

create table doctors (
did int primary key ,
dfirst varchar2(50) not null,
dmiddle varchar2(50) not null,
dlast varchar2(50) not null,
demail varchar2(50),
dgender varchar2(50) not null,
dphone varchar2(11) not null,
dsalary float not null ,
daddress varchar2(50) not null,
dbd varchar2(20) not null,
ofnum int references offices (ofnum)
)
describe doctors

```

Results Explain Describe Saved SQL History

Object Type TABLE Object DOCTORS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DOCTORS	DID	Number	-	-	0	1	-	-	-
	DFIRST	Varchar2	50	-	-	-	-	-	-
	DMIDDLE	Varchar2	50	-	-	-	-	-	-
	DLAST	Varchar2	50	-	-	-	-	-	-
	DEMAIL	Varchar2	50	-	-	-	✓	-	-
	DGENDER	Varchar2	50	-	-	-	-	-	-
	DPHONE	Varchar2	11	-	-	-	-	-	-
	DSALARY	Float	22	126	-	-	-	-	-
	DADDRESS	Varchar2	50	-	-	-	-	-	-
	DBD	Varchar2	20	-	-	-	-	-	-
	OFNUM	Number	-	-	0	-	✓	-	-
1 - 11									

Figure 12 :- Creat Doctors

```

create table drspcialization(
dspcialization varchar2(20) ,
primary key(did,dspcialization),
did int references doctors (did)
)
describe drspcialization

```

Results Explain Describe Saved SQL History

Object Type TABLE Object DRSPCIALIZATION

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DRSPCIALIZATION	DSPCIALIZATION	Varchar2	20	-	-	2	-	-	-
	DID	Number	-	-	0	1	-	-	-
1 - 2									

Figure 13 :- Creat DRspcialization

```

create table employess(
eid int primary key,
ename varchar2(20) not null,
ephone varchar2(11),
esalary float not null,
egender varchar2(20) not null,
email varchar2(30),
EBD varchar2(20) not null,
eaddress varchar2(20) not null,
ofnum int references offices (ofnum)
)
describe employess
alter table employess
modify ephone not null

```

Results Explain Describe Saved SQL History

Object Type TABLE Object EMPLOYESS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPLOYESS	EID	Number	-	-	0	1	-	-	-
	ENAME	Varchar2	20	-	-	-	-	-	-
	EPHONE	Varchar2	11	-	-	-	-	-	-
	ESALARY	Float	22	126	-	-	-	-	-
	EGENDER	Varchar2	20	-	-	-	-	-	-
	EEMAIL	Varchar2	30	-	-	-	✓	-	-
	EBD	Varchar2	20	-	-	-	-	-	-
	EADDRESS	Varchar2	20	-	-	-	-	-	-
	OFNUM	Number	-	-	0	-	✓	-	-
									1 - 9

Figure 14 :- Creat Employess

```

create table nurses(
nid int primary key,
nphone varchar2(11) not null,
nsalary float not null,
ngender varchar2(20) not null,
nemail varchar2(30),
NBD varchar2(20) not null,
naddress varchar2(20) not null,
ofnum int references offices (ofnum),
supervisorid int references nurses(nid)
)
describe nurses

```

Results Explain Describe Saved SQL History

Object Type TABLE Object NURSES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
NURSES	NID	Number	-	-	0	1	-	-	-
	NPHONE	Varchar2	11	-	-	-	-	-	-
	NSALARY	Float	22	126	-	-	-	-	-
	NGENDER	Varchar2	20	-	-	-	-	-	-
	NEMAIL	Varchar2	30	-	-	-	✓	-	-
	NBD	Varchar2	20	-	-	-	-	-	-
	NADDRESS	Varchar2	20	-	-	-	-	-	-
	OFNUM	Number	-	-	0	-	✓	-	-
	SUPERVISORID	Number	-	-	0	-	✓	-	-
									1 - 9

Figure 15 :- Creat Nurses

```

create table operations(
onum int primary key,
otype varchar2(50) not null,
odata varchar2(30) not null,
otime float not null,
did int references doctors (did)
)
describe operations

```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object OPERATIONS									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
OPERATIONS	ONUM	Number	-	-	0	1	-	-	-
	OTYPE	Varchar2	50	-	-	-	-	-	-
	ODATA	Varchar2	30	-	-	-	-	-	-
	OTIME	Float	22	126	-	-	-	-	-
	DID	Number	-	-	0	-	✓	-	-
1 - 5									

Figure 16 :- Creat Opertions

```

create table do (
onum int references operations (onum),
did int references doctors (did),
primary key (onum,did)
)
describe do

```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object DO									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DO	ONUM	Number	-	-	0	1	-	-	-
	DID	Number	-	-	0	2	-	-	-
1 - 2									

Figure 17 :- Creat Do

```

create table assist(
eid int references employess(eid),
nid int references nurses (nid),
primary key(eid,nid)
)
describe assist

```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object ASSIST									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ASSIST	EID	Number	-	-	0	1	-	-	-
	NID	Number	-	-	0	2	-	-	-
1 - 2									

Figure 18 :- Creat Assist

```

create table serve (
did int references doctors (did) ,
eid int references employess (eid) ,
primary key (did,eid)
)
describe serve

```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object SERVE									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>SERVE</u>	DID	Number	-	-	0	1	-	-	-
	EID	Number	-	-	0	2	-	-	-
1 - 2									

Figure 19 :- Creat Serve

```

create table medicines (
mcode varchar2(20) primary key,
mquantity int not null ,
did int references doctors (did)
)
describe medicines

```

Results Explain Describe Saved SQL History

Object Type TABLE Object MEDICINES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MEDICINES	MCODE	Varchar2	20	-	-	1	-	-	-
	MQUANTITY	Number	-	-	0	-	-	-	-
	DID	Number	-	-	0	-	✓	-	-

1 - 3

Figure 20 :- Creat Medicines

```

create table rules (
runame varchar2(20) primary key,
RUcontent varchar2(20) not null
)
describe rules
alter table rules
modify RUcontent varchar2(150)

```

Results Explain Describe Saved SQL History

Object Type TABLE Object RULES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
RULES	RUNAME	Varchar2	20	-	-	1	-	-	-
	RUCONTENT	Varchar2	150	-	-	-	-	-	-

1 - 2

Figure 21 :- Creat Rules

```

create table continued (
runame varchar2(20) references rules(runame),
nid int references nurses(nid),
primary key (runame,nid)
)
describe continued

```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object CONTINUED									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CONTINUED	RUNAME	Varchar2	20	-	-	1	-	-	-
	NID	Number	-	-	0	2	-	-	-
1 - 2									

Figure 22 :- Creat Continued

```

create table Adhereto (
eid int references employess(eid),
runame varchar2(20) references rules (runame),
primary key (eid,runame)
)
describe Adhereto

```

Results	Explain	Describe	Saved SQL	History					
Object Type TABLE Object ADHERETO									
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
ADHERETO	EID	Number	-	-	0	2	-	-	-
	RUNAME	Varchar2	20	-	-	1	-	-	-
1 - 2									

Figure 23 :- Creat Adhereto

```
create table take_care_of (
nid int references nurses (nid) ,
pid int references patients (pid) ,
primary key (nid,pid)
)
describe take_care_of
```

Results

Explain

Describe

Saved SQL

History

Object Type

TABLE

Object

TAKE_CARE_OF

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
TAKE_CARE_OF	NID	Number	-	-	0	1	-	-	-
	PID	Number	-	-	0	2	-	-	-

1 - 2

Figure 24 :- Creat Take_care_of

```
create table take (
mcode varchar2(20) references medicines (mcode) ,
pid int references patients (pid) ,
primary key (mcode,pid)
)
describe take
```

Results

Explain

Describe

Saved SQL

History

Object Type TABLE Object TAKE

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
TAKE	MCODE	Varchar2	20	-	-	1	-	-	-
	PID	Number	-	-	0	2	-	-	-

1 - 2

Figure 25 :- Creat Take

```
create table treat (
did int references doctors (did) ,
pid int references Patients (pid) ,
primary key (did,pid)
)
describe treat
```

Results

Explain

Describe

Saved SQL

History

Object Type TABLE Object TREAT

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
TREAT	DID	Number	-	-	0	1	-	-	-
	PID	Number	-	-	0	2	-	-	-

1 - 2

Figure 26 :- Creat Treat

```
create table workwith (  
did int references doctors (did),  
nid int references nurses (nid),  
primary key (did,nid)  
)  
describe workwith
```

Results

Explain

Describe

Saved SQL

History

Object Type

TABLE

Object

WORKWITH

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
WORKWITH	DID	Number	-	-	0	1	-	-	-
	NID	Number	-	-	0	2	-	-	-

1 - 2

Figure 27 :- Creat Workwith

❖ Stage of insertion :-

```
insert into patients values ( 853080 , 'Esraa','01145217895' , 'Esraa@gmail.com', 'Aswan' , ' female' , ' 15-jul-1999' , 101,1,57250)
insert into patients values ( 853081 , 'Afnan','01045487895' , 'Afnan@gmail.com', 'Cairo' , ' female' , ' 5-Apr-1994' , 102,2,57251)
insert into patients values ( 853082 , 'Rima' , '01598724122' , 'Rima@gmail.com', 'Giza' , ' female' , ' 13-May-1989' , 103,3,57252 )
insert into patients values ( 853083 , 'Kazem' , '01003215455' , 'Kazem@gmail.com', 'Tanta' , ' male' , ' 7-Apr-1995' , 201,4,57253 )
insert into patients values ( 553084 , 'Ali' , '01236396589' , 'Ali@gmail.com', 'Luxor' , ' male' , ' 4-jul-1993' , 202,5,57254 )
insert into patients values ( 853085 , 'peter' , '01005476965' , 'peter@gmail.com', 'Qena' , ' male' , ' 8-jul-1998' , 203,6,57255 )
insert into patients values ( 853086 , 'Amir' , '01239654761' , 'Amir@gmail.com', 'Aswan' , ' male' , ' 4-Mar-1994' , 301,7,57256)
insert into patients values ( 853087 , 'Rowan' , '01174103258' , 'Rowan@gmail.com', 'Cairo' , ' female' , ' 19-May-1999' , 302,8,57257 )
insert into patients values ( 853088 , 'Jassmin' , '011114973205' , 'Jassmin@gmail.com', 'Aswan' , ' female' , ' 10-Aug-1997' , 303,9,57258 )
select * from patients
```

Results Explain Describe Saved SQL History

PID	PNAME	PPHONE	PEMAIL	PADDRESS	PGENDER	PBD	RNUM	RECNUM	REID
853080	Esraa	01145217895	Esraa@gmail.com	Aswan	female	15-jul-1999	101	1	57250
853081	Afnan	01045487895	Afnan@gmail.com	Cairo	female	5-Apr-1994	102	2	57251
853082	Rima	01598724122	Rima@gmail.com	Giza	female	13-May-1989	103	3	57252
853083	Kazem	01003215455	Kazem@gmail.com	Tanta	male	7-Apr-1995	201	4	57253
553084	Ali	01236396589	Ali@gmail.com	Luxor	male	4-jul-1993	202	5	57254
853085	peter	01005476965	peter@gmail.com	Qena	male	8-jul-1998	203	6	57255
853086	Amir	01239654761	Amir@gmail.com	Aswan	male	4-Mar-1994	301	7	57256
853087	Rowan	01174103258	Rowan@gmail.com	Cairo	female	19-May-1999	302	8	57257
853088	Jassmin	011114973205	Jassmin@gmail.com	Aswan	female	10-Aug-1997	303	9	57258
853089	Salem	01254879215	Salem@gmail.com	Cairo	male	15-jul-2019	401	10	57259

Figure 28 :- Insert Patients

```
insert into receptionists values(57250,'Ali Ahmed','Cairo.Muizz st','011223344556','a.ahmed@gmail.com','Male','1-jan-1990',2500.50)
insert into receptionists values(57251,'Ayman Abdalla','Cairo.Talaat harb st','01134567891','a.abdalla@gmail.com','Male','10-feb-1885',3000.90)
insert into receptionists values(57252,'Ehab Ali','Cairo.Qasr el nil st','01002233445','e.ali@gmail.com','Male','15-jan-1992',2300.40)
insert into receptionists values(57253,'Yasser Osama','Cairo.Nakram abid st','012733445578','y.osama@gmail.com','Male','3-nov-1889',2400.80)
insert into receptionists values(57254,'Ibrahim Faisal','Cairo.Yousef el gendy st','01278563798','i.fasial@gmail.com','Male','20-feb-1995',2000.50)
insert into receptionists values(57255,'Abeer Ali','Cairo.Ahram st','01114785342','a.ali@gmail.com','Female','25-mar-1992',2200.60)
insert into receptionists values(57256,'Arwa Abdalla','Cairo.Muizz st','01117833554','a.abdalla@gmail.com','Female','6-jan-1994',2100.50)
insert into receptionists values(57257,'Lara Ahmed','Cairo.Sakhawy st','01005577441','l.ahmed@gmail.com','Female','8-oct-1996',2000.90)
insert into receptionists values(57258,'Marwa Ehab','Cairo.Qasr el nil st','01277894512','m.ehab@gmail.com','Female','17-nov-1889',2600.50)
insert into receptionists values(57259,'Rana Nassar','Cairo.Ahram st','01004723014','r.nassar@gmail.com','Female','12-feb-1993',2300.70)
select * from receptionists
```

Results Explain Describe Saved SQL History

REID	RENAM	READDERESS	REPHONE	REEMAIL	REGENER	REBD	RESALARY
57250	Ali Ahmed	Cairo.Muizz st	011223344556	a.ahmed@gmail.com	Male	1-jan-1990	2500.5
57251	Ayman Abdalla	Cairo.Talaat harb st	01134567891	a.abdalla@gmail.com	Male	10-feb-1885	3000.9
57252	Ehab Ali	Cairo.Qasr el nil st	01002233445	e.ali@gmail.com	Male	15-jan-1992	2300.4
57253	Yasser Osama	Cairo.Nakram abid st	012733445578	y.osama@gmail.com	Male	3-nov-1889	2400.8
57254	Ibrahim Faisal	Cairo.Yousef el gendy st	01278563798	i.fasial@gmail.com	Male	20-feb-1995	2000.5
57255	Abeer Ali	Cairo.Ahram st	01114785342	a.ali@gmail.com	Female	25-mar-1992	2200.6
57256	Arwa Abdalla	Cairo.Muizz st	01117833554	a.abdalla@gmail.com	Female	6-jan-1994	2100.5
57257	Lara Ahmed	Cairo.Sakhawy st	01005577441	l.ahmed@gmail.com	Female	8-oct-1996	2000.9
57258	Marwa Ehab	Cairo.Qasr el nil st	01277894512	m.ehab@gmail.com	Female	17-nov-1889	2600.5
57259	Rana Nassar	Cairo.Ahram st	01004723014	r.nassar@gmail.com	Female	12-feb-1993	2300.7

Figure 29 :- Insert Receptionists

```

insert into rooms values(101,'Single',1,'unavailable',57250)
insert into rooms values(102,'Double',1,'available',57251)
insert into rooms values(103,'Single',1,'available',57252)
insert into rooms values(201,'Single',2,'available',57253)
insert into rooms values(202,'Double',2,'unavailable',57254)
insert into rooms values(203,'Double',2,'unavailable',57255)
insert into rooms values(301,'Single',3,'available',57256)
insert into rooms values(302,'Double',3,'unavailable',57257)
insert into rooms values(303,'Double',3,'unavailable',57258)
insert into rooms values(401,'Single',4,'available',57259)
select * from rooms

```

Results Explain Describe Saved SQL History

RNUM	RTYPE	RFLOOR	RSTATUS	REID
101	Single	1	unavailable	57250
102	Double	1	available	57251
103	Single	1	available	57252
201	Single	2	available	57253
202	Double	2	unavailable	57254
203	Double	2	unavailable	57255
301	Single	3	available	57256
302	Double	3	unavailable	57257
303	Double	3	unavailable	57258
401	Single	4	available	57259

Figure 30 :- Insert Rooms

```

insert into records values(1,'Examine the patient','1-jan-2020 12:00 Pm',57250)
insert into records values(2,'Operation for the patient','15-feb-2021 11:00 Am',57251)
insert into records values(3,'Patient analysis','12-jan-2019 2:00 Pm',57252)
insert into records values(4,'Operation for the patient','7-oct-2018 3:00 Pm',57253)
insert into records values(5,'Operation for the patient','1-mar-2021 8:00 Pm',57254)
insert into records values(6,'Examine the patient','4-nov-2019 10:00 Am',57255)
insert into records values(7,'Patient analysis','6-jan-2020 10:30 Am',57256)
insert into records values(8,'Patient analysis','18-dec-2019 11:30 Am',57257)
insert into records values(9,'Operation for the patient','25-jul-2021 10:00 Pm',57258)
insert into records values(10,'Examine the patient','1-jun-2018 12:30 Pm',57259)
select * from records

```

Results Explain Describe Saved SQL History

RECNUM	RECDISCRPTION	RECAPPOINTMENT	REID
1	Examine the patient	1-jan-2020 12:00 Pm	57250
2	Operation for the patient	15-feb-2021 11:00 Am	57251
3	Patient analysis	12-jan-2019 2:00 Pm	57252
4	Operation for the patient	7-oct-2018 3:00 Pm	57253
5	Operation for the patient	1-mar-2021 8:00 Pm	57254
6	Examine the patient	4-nov-2019 10:00 Am	57255
7	Patient analysis	6-jan-2020 10:30 Am	57256
8	Patient analysis	18-dec-2019 11:30 Am	57257
9	Operation for the patient	25-jul-2021 10:00 Pm	57258
10	Examine the patient	1-jun-2018 12:30 Pm	57259

Figure 31 :- Insert Records


```

insert into bills values(40,'10-may-2021','operation',853080)
insert into bills values(41,'11-may-2021','reveal',853081)
insert into bills values(42,'12-may-2021','operation',853082)
insert into bills values(43,'13-may-2021','reveal',853083)
insert into bills values(44,'14-may-2021','operation',853084)
insert into bills values(45,'15-may-2021','reveal',853085)
insert into bills values(46,'16-may-2021','operation',853086)
insert into bills values(47,'17-may-2021','reveal',853087)
insert into bills values(48,'18-may-2021','operation',853088)
insert into bills values(49,'19-may-2021','reveal',853089)
select * from bills

```

Results Explain Describe Saved SQL History

BNUM	BDATE	BDESCRIPTION	PID
42	12-may-2021	operation	853082
43	13-may-2021	reveal	853083
44	14-may-2021	operation	853083
45	15-may-2021	reveal	853085
46	16-may-2021	operation	853086
47	17-may-2021	reveal	853087
48	18-may-2021	operation	853088
49	19-may-2021	reveal	853089
40	10-may-2021	operation	853080
41	11-may-2021	reveal	853081

Figure 32 :- Insert Bills

```

insert into amobulances values( 141056,' Ahmed Mohammed ', 853080)
insert into amobulances values( 141085,' Mohammed Tarek', 853083)
insert into amobulances values( 141091,' Omar Tarek ', 853089)
insert into amobulances values( 141078,' Mark Remon', 553084 )
insert into amobulances values( 141023,' Tarek Mohammed ', 853087 )
insert into amobulances values( 141011,' Ammar Ali', 853088)
insert into amobulances values( 141055,' Samir Mark ', 853081)
insert into amobulances values( 141075,' Mohammed Ayman ', 853082)
insert into amobulances values( 141044,' Omar Mostfa', 853085)
insert into amobulances values( 141032,' Ali Ramy ', 853086 )
select * from amobulances

```

Results Explain Describe Saved SQL History

AMEDIC_ID	AMEDIC_NAME	PID
141056	Ahmed Mohammed	853080
141085	Mohammed Tarek	853083
141091	Omar Tarek	853089
141078	Mark Remon	553084
141023	Tarek Mohammed	853087
141011	Ammar Ali	853088
141055	Samir Mark	853081
141075	Mohammed Ayman	853082
141044	Omar Mostfa	853085
141032	Ali Ramy	853086

Figure 33 :- Insert Amobulances

```

insert into laboratories values(10,'1-Feb-2019')
insert into laboratories values(11,'3-Mar-2018')
insert into laboratories values(12,'5-Apr-2017')
insert into laboratories values(13,'7-May-2020')
insert into laboratories values(14,'9-June-2016')
insert into laboratories values(15,'11-July-2019')
insert into laboratories values(16,'13-Aug-2017')
insert into laboratories values(17,'15-Oct-2018')
insert into laboratories values(18,'17-Jan-2020')
insert into laboratories values(19,'19-July-2020')
select * from laboratories

```

Results Explain Describe Saved SQL History

LNUM	LDATA
10	1-Feb-2019
11	3-Mar-2018
12	5-Apr-2017
13	7-May-2020
14	9-June-2016
15	11-July-2019
16	13-Aug-2017
17	15-Oct-2018
18	17-Jan-2020
19	19-July-2020

Figure 34 :- Insert Laboratories

```

insert into analysis values(853080,10)
insert into analysis values(853081,11)
insert into analysis values(853082,12)
insert into analysis values(853083,13)
insert into analysis values(553084,14)
insert into analysis values(853085,15)
insert into analysis values(853086,16)
insert into analysis values(853087,17)
insert into analysis values(853088,18)
insert into analysis values(853089,19)
select * from analysis

```

Results Explain Describe Saved SQL History

PID	LNUM
553084	14
853080	10
853081	11
853082	12
853083	13
853085	15
853086	16
853087	17
853088	18
853089	19

Figure 35 :- Insert Analysis

```

insert into operations values(70,'Surgical operations','3-Mar-2019', 10.30,2200128)
insert into operations values(71,'The removal of the cancer from the body' , '20-Mar-2018', 12.30 ,2200127)
insert into operations values(72,'Surgical operations' , '16-Apr-2020', 8.00 ,2200064)
insert into operations values(73,'The removal of the cancer from the body' , '4-May-2019', 6.30 ,2200064)
insert into operations values(74,'Surgical operations' , '19-June-2017', 9.00 ,2300456)
insert into operations values(75,'The removal of the cancer from the body' , '7-July-2020', 1.30 ,2300477)
insert into operations values(76,'Surgical operations' , '15-Aug-2019', 3.15 ,2400555)
insert into operations values(77,'The removal of the cancer from the body' , '8-Apr-2016', 7.30 ,2400666)
insert into operations values(78,'Surgical operations' , '3-May-2018', 5.20 ,2500369)
insert into operations values(79,'The removal of the cancer from the body' , '30-June-2019', 2.30 ,2200444)
select * from operations

```

Results Explain Describe Saved SQL History

ONUM	OTYPE	ODATA	OTIME	DID
72	Surgical operations	16-Apr-2020	8	2200064
73	The removal of the cancer from the body	4-May-2019	6.3	2200064
74	Surgical operations	19-June-2017	9	2300456
75	The removal of the cancer from the body	7-July-2020	1.3	2300477
76	Surgical operations	15-Aug-2019	3.15	2400555
77	The removal of the cancer from the body	8-Apr-2016	7.3	2400666
78	Surgical operations	3-May-2018	5.2	2500369
79	The removal of the cancer from the body	30-June-2019	2.3	2200444
70	Surgical operations	3-Mar-2019	10.3	2200128
71	The removal of the cancer from the body	20-Mar-2018	12.3	2200127

Figure 36 :- Insert Oportions

```

insert into employess values( 131056,' Ahmed Mostfa' , '01256836537' , 7000.00 , 'Male' , 'ahmed.mo34@gmail.com' , '25-jan-1970' , 'cairo' ,1004 )
insert into employess values( 131085,' Mohammed Ahmed' , '01274736483' , 5300.25 , 'Male' , 'mohammed67@gmail.com' , '15-mar-1975' , 'cairo' , 1003)
insert into employess values( 131091,' Omar Ali ' , '01186833892' , 4050.50 , 'Male' , 'omar51@gmail.com' , '3-jan-1980' , 'cairo' , 1002)
insert into employess values( 131078,' Sahar Mohammed' , '01236833628' , 6000.00 , 'Female' , 'saher.ta21@gmail.com' , '25-Apr-19820' , 'cairo' ,1001)
insert into employess values( 131023,' Tarek Omar' , '01066832718' , 5100.50 , 'Male' , 'tarek.mo01@gmail.com' , '10-oct-1979' , 'cairo' , 1003 )
insert into employess values( 131011,' Ammar Ahmed' , '01246836926' , 4300.25 , 'Male' , 'ammar@gmail.com' , '30-mar-1978' , 'cairo' ,1005 )
insert into employess values( 131027,' Sandy Mark' , '01191835738' , 5700.00 , 'Female' , 'sandy@gmail.com' , '23-feb-1980' , 'cairo' , 1008)
insert into employess values( 131082,' Mariam Atef' , '01283694654' , 5800.75 , 'Female' , 'mariam.sa81@gmail.com' , '16-may-1983' , 'cairo' , 1004)
insert into employess values( 131041,' Samir Remon' , '01187493657' , 6300.50 , 'Male' , 'samir.mo@gmail.com' , '14-nov-1976' , 'cairo' , 1007)
insert into employess values( 131031,'Basma Mohammed' , '01256836532' , 8000.25 , 'Female' , 'basma.ah51@gmail.com' , '11-jan-1980' , 'cairo' ,1006 )
select * from employess

```

Results Explain Describe Saved SQL History

EID	ENAME	EPHONE	ESALARY	EGENDER	EEMAIL	EBD	EADDRESS	OFNUM
131056	Ahmed Mostfa	01256836537	7000	Male	ahmed.mo34@gmail.com	25-jan-1970	cairo	1004
131085	Mohammed Ahmed	01274736483	5300.25	Male	mohammed67@gmail.com	15-mar-1975	cairo	1003
131091	Omar Ali	01186833892	4050.5	Male	omar51@gmail.com	3-jan-1980	cairo	1002
131078	Sahar Mohammed	01236833628	6000	Female	saher.ta21@gmail.com	25-Apr-19820	cairo	1001
131023	Tarek Omar	01066832718	5100.5	Male	tarek.mo01@gmail.com	10-oct-1979	cairo	1003
131011	Ammar Ahmed	01246836926	4300.25	Male	ammar@gmail.com	30-mar-1978	cairo	1005
131027	Sandy Mark	01191835738	5700	Female	sandy@gmail.com	23-feb-1980	cairo	1008
131082	Mariam Atef	01283694654	5800.75	Female	mariam.sa81@gmail.com	16-may-1983	cairo	1004
131041	Samir Remon	01187493657	6300.5	Male	samir.mo@gmail.com	14-nov-1976	cairo	1007
131031	Basma Mohammed	01256836532	8000.25	Female	basma.ah51@gmail.com	11-jan-1980	cairo	1006

Figure 37 :- Insert Employess

```

insert into offices values (1001 , 'Manager Office')
insert into offices values (1002 , 'Deputy Manager Office')
insert into offices values (1003 , 'Nurses Offices')
insert into offices values (1004 , 'Employees Office')
insert into offices values (1005 , 'Doctors Offices of Surgery')
insert into offices values (1006 , 'Doctors Offices of Anesthesiology ')
insert into offices values (1007 , 'Financial Offices')
insert into offices values (1008 , 'Complaints Office')
insert into offices values (1009 , 'Laboratory analysis Office')
insert into offices values (1110 , 'Doctors Offices')
select * from offices

```

Results Explain Describe Saved SQL History

OFNUM	OFTYPE
1001	Manager Office
1002	Deputy Manager Office
1003	Nurses Offices
1004	Employees Office
1005	Doctors Offices of Surgery
1006	Doctors Offices of Anesthesiology
1007	Financial Offices
1008	Complaints Office
1009	Laboratory analysis Office
1110	Doctors Offices

Figure 38 :- Insert Offices

```

insert into rules values ('smoking', 'Smoking is not permitted anywhere at hospital')
insert into rules values ('NOISE REDUCTION', 'Limit visitors to two per patient at one time.')
insert into rules values ('ATTENDANTS', 'Only one attendant is allowed with all categories ')
insert into rules values ('ADMISSION ADVANCE', 'Admission advance must be paid at the time of admission to cover the expenses for surgery /treatment.')
insert into rules values ('SETTLEMENT OF BILLS', 'Settlement of bills must be done on presentation of the bills.Please get receipt for all payments made')
insert into rules values ('PATIENT'S BELONGINGS', 'be responsible for any loss or damage to the patient's belongings')
insert into rules values ('TIPS / BAKSHISH ', 'Please do not offer any Bakshish / tip to any of the hospital employee.')
insert into rules values ('VIOLENCE', 'Violence against medical, paramedical, other hospital staff and damage to hospital property are punishable offences.')
insert into rules values ('YOUR RESPONSE', 'Your suggestion will help us to serve you better.')
insert into rules values ('FOOD AND BEVERAGES', 'No Outside food or beverages are allowed in the hospital premises.')
select * from rules

```

Results Explain Describe Saved SQL History

RUNAME	RUCONTENT
smoking	Smoking is not permitted anywhere at hospital
NOISE REDUCTION	Limit visitors to two per patient at one time.
ATTENDANTS	Only one attendant is allowed with all categories
ADMISSION ADVANCE	Admission advance must be paid at the time of admission to cover the expenses for surgery /treatment.
SETTLEMENT OF BILLS	Settlement of bills must be done on presentation of the bills.Please get receipt for all payments made
PATIENT'S BELONGINGS	be responsible for any loss or damage to the patient's belongings
TIPS / BAKSHISH	Please do not offer any Bakshish / tip to any of the hospital employee.
VIOLENCE	Violence against medical, paramedical, other hospital staff and damage to hospital property are punishable offences.
YOUR RESPONSE	Your suggestion will help us to serve you better.
FOOD AND BEVERAGES	No Outside food or beverages are allowed in the hospital premises.

Figure 39 :- Insert Rules

```

insert into Adhereto values(131056,'smoking')
insert into Adhereto values(131085,'NOISE REDUCTION')
insert into Adhereto values(131091,'ATTENDANTS')
insert into Adhereto values(131078,'ADMISSION ADVANCE')
insert into Adhereto values(131023,'SETTLEMENT OF BILLS')
insert into Adhereto values(131011,'PATIENT'S BELONGINGS')
insert into Adhereto values(131027,'TIPS / BAKSHISH ')
insert into Adhereto values(131082,'VIOLENCE')
insert into Adhereto values(131041,'YOUR RESPONSE')
insert into Adhereto values(131031,'FOOD AND BEVERAGES')
select *from Adhereto

```

Results Explain Describe Saved SQL History

EID	RUNAME
131078	ADMISSION ADVANCE
131091	ATTENDANTS
131031	FOOD AND BEVERAGES
131085	NOISE REDUCTION
131011	PATIENT'S BELONGINGS
131023	SETTLEMENT OF BILLS
131027	TIPS / BAKSHISH
131082	VIOLENCE
131041	YOUR RESPONSE
131056	smoking

Figure 40 :- Insert Adhereto

```

insert into nurses values(50,'01112345678',1000.50,'male','abc@gmail.com','1-may-1990','aswan',1001,50)
insert into nurses values(51,'01112345677',1000.100,'female','def@gmai.com','15-may-1990','giza',1002,51)
insert into nurses values(52,'01112345679',1000.150,'male','ghi@gmail.com','9-sep-1990','cairo',1003,52)
insert into nurses values(53,'01025100723',1000.200,'female','jkl@gmail.com','11-jan-1991','giza',1004,53)
insert into nurses values(54,'01125236396',1000.250,'male','mno@gmail.com','12-sep-1988','aswan',1005,54)
insert into nurses values(55,'01285626762',1000.300,'female','pqr@gmai.com','12-feb-1992','cairo',1006,55)
insert into nurses values(56,'01005643339',1000.350,'male','stv@gmail.com','11-mar-1998','giza',1007,56)
insert into nurses values(57,'01018038766',1000.400,'female','wxy@gmail.com','13-jun-1993','aswan',1008,57)
insert into nurses values(58,'01122289666',1000.450,'male','afc@gmail.com','8-apr-1991','cairo',1009,58)
insert into nurses values(59,'01118270645',1000.500,'female','bfe@gmail.com','20-sep-1990','giza',1110,59)
select * from nurses

```

Results Explain Describe Saved SQL History

NID	NPHONE	NSALARY	NGENDER	NEMAIL	NBD	NADDRESS	OFNUM	SUPERVISORID
50	01112345678	1000.5	male	abc@gmail.com	1-may-1990	aswan	1001	50
51	01112345677	1000.1	female	def@gmai.com	15-may-1990	giza	1002	51
52	01112345679	1000.15	male	ghi@gmail.com	9-sep-1990	cairo	1003	52
53	01025100723	1000.2	female	jkl@gmail.com	11-jan-1991	giza	1004	53
54	01125236396	1000.25	male	mno@gmail.com	12-sep-1988	aswan	1005	54
55	01285626762	1000.3	female	pqr@gmai.com	12-feb-1992	cairo	1006	55
56	01005643339	1000.35	male	stv@gmail.com	11-mar-1998	giza	1007	56
57	01018038766	1000.4	female	wxy@gmail.com	13-jun-1993	aswan	1008	57
58	01122289666	1000.45	male	afc@gmail.com	8-apr-1991	cairo	1009	58
59	01118270645	1000.5	female	bfe@gmail.com	20-sep-1990	giza	1110	59

Figure 41 :- Insert Nurses

```

insert into assist values ( 131056 , 50 )
insert into assist values ( 131085 , 51 )
insert into assist values ( 131091 , 52 )
insert into assist values ( 131078 , 53 )
insert into assist values ( 131023 , 54 )
insert into assist values ( 131011 , 55 )
insert into assist values ( 131027 , 56 )
insert into assist values ( 131082 , 57 )
insert into assist values ( 131041 , 58 )
insert into assist values ( 131031 , 59 )
select* from assist

```

Results Explain Describe Saved SQL History

EID	NID
131011	55
131023	54
131027	56
131031	59
131041	58
131056	50
131078	53
131082	57
131085	51
131091	52

Figure 42 :- Insert Assist

```

insert into doctors values (2400555,'Ebrahim','Ahmed','Ali','e.ahmed@gmail.com','Male','01114567787',4000.00,'Cairo','21-feb-2002',1110)
insert into doctors values (2400666,'Ahmed','Khaled','Esmail','ahmed.khaled@gmail.com','Male','01157631942',5600.00,'Qena','26-jul-1999',1110)
insert into doctors values (2200128,'Sohaila','Mahmoud','Kamel','s.mahmoud@gmail.com','Female','01123077741',6000.00,'Aswan','6-jul-2001',1110)
insert into doctors values (2200127,'Sohila','Emad','Mostafa','s.emad@gmail.com','Female','01007579141',4500.00,'Asyut','27-dec-2000',1005)
insert into doctors values (2200064,'Aya','Mohammed','Maher','aya.maher@gmail.com','Female','01118902605',3600.00,'Luxor','24-jan-2001',1006)
insert into doctors values (2300456,'Menna','Naser','Mahgoub','menna.naser@gmail.com','Female','01110052609',4600.00,'Aswan','21-nov-2000',1110)
insert into doctors values (2300477,'Mnahel','Naser','Mahgoub','mnahel.naser@gmail.com','Female','01159702879',4800.00,'Aswan','21-nov-2000',1110)
insert into doctors values (2500369,'Adham','Mohammed','Ali','adham.m@gmail.com','Male','01155446663',5500.00,'Aswan','25-apr-1991',1110)
insert into doctors values (2200444,'Aya','Awad','Malek','aya.awad@gmail.com','Female','01156678913',5300.00,'Aswan','23-jan-1997',1110)
insert into doctors values (2700333,'Fatma','Ramdan','Hassan','f.ramdan@gmail.com','Female','01136697441',5900.00,'Aswan','23-aug-1997',1110)
select * from doctors

```

Results Explain Describe Saved SQL History

DID	DFIRST	DMIDDLE	DLAST	DEMAIL	DGENDER	DPHONE	DSALARY	DADDRESS	DBD	OFNUM
2400555	Ebrahim	Ahmed	Ali	e.ahmed@gmail.com	Male	01114567787	4000	Cairo	21-feb-2002	1110
2400666	Ahmed	Khaled	Esmail	ahmed.khaled@gmail.com	Male	01157631942	5600	Qena	26-jul-1999	1110
2200128	Sohaila	Mahmoud	Kamel	s.mahmoud@gmail.com	Female	01123077741	6000	Aswan	6-jul-2001	1110
2200127	Sohila	Emad	Mostafa	s.emad@gmail.com	Female	01007579141	4500	Asyut	27-dec-2000	1005
2200064	Aya	Mohammed	Maher	aya.maher@gmail.com	Female	01118902605	3600	Luxor	24-jan-2001	1006
2300456	Menna	Naser	Mahgoub	menna.naser@gmail.com	Female	01110052609	4600	Aswan	21-nov-2000	1110
2300477	Mnahel	Naser	Mahgoub	mnahel.naser@gmail.com	Female	01159702879	4800	Aswan	21-nov-2000	1110
2500369	Adham	Mohammed	Ali	adham.m@gmail.com	Male	01155446663	5500	Aswan	25-apr-1991	1110
2200444	Aya	Awad	Malek	aya.awad@gmail.com	Female	01156678913	5300	Aswan	23-jan-1997	1110
2700333	Fatma	Ramdan	Hassan	f.ramdan@gmail.com	Female	01136697441	5900	Aswan	23-aug-1997	1110

Figure 43 :- Inset Doctors


```

insert into drspcialization values ( 'Anesthesia specialty' , 2200064)
insert into drspcialization values ( 'Surgery specialty' , 2200127 )
insert into drspcialization values ( 'Brain and nerves' , 2200444 )
insert into drspcialization values ( 'Vascular specialty ', 2200128)
insert into drspcialization values ( 'Specialty pharmacist', 2400555)
insert into drspcialization values ( 'Diet specialty ', 2700333)
insert into drspcialization values ( 'Internal specialty' ,2400666)
insert into drspcialization values ( 'Childrens specialty', 2300477 )
insert into drspcialization values ( 'Urology specialty', 2300456 )
insert into drspcialization values ( 'Oncology specialty' , 2500369)
select * from drspcialization

```

Results Explain Describe Saved SQL History

DSPCIALIZATION	DID
Anesthesia specialty	2200064
Surgery specialty	2200127
Vascular specialty	2200128
Brain and nerves	2200444
Urology specialty	2300456
Childrens specialty	2300477
Specialty pharmacist	2400555
Internal specialty	2400666
Oncology specialty	2500369
Diet specialty	2700333

Figure 44 :- Insert DRspcialization

```

insert into serve values (2200064,131056)
insert into serve values (2200127,131085 )
insert into serve values (2200444,131091 )
insert into serve values (2200128,131078)
insert into serve values (2400555,131023)
insert into serve values (2700333,131011)
insert into serve values (2400666,131027)
insert into serve values (2300477,131082 )
insert into serve values (2300456,131041 )
insert into serve values (2500369,131031)
select* from serve

```

Results Explain Describe Saved SQL History

DID	EID
2200064	131056
2200127	131085
2200128	131078
2200444	131091
2300456	131041
2300477	131082
2400555	131023
2400666	131027
2500369	131031
2700333	131011

Figure 45 :- Insert Serve

```

insert into treat values(2400555,853080)
insert into treat values(2400666,853081)
insert into treat values(2200128,853082)
insert into treat values(2200127,853083)
insert into treat values(2200064,853084)
insert into treat values(2300456,853085)
insert into treat values(2300477,853086)
insert into treat values(2500369 ,853087)
insert into treat values(2200444,853088)
insert into treat values(2700333,853089)
select* from treat |

```

Results	Explain	Describe	Saved SQL	History
DID	PID			
2200064	853084			
2200127	853083			
2200128	853082			
2200444	853088			
2300456	853085			
2300477	853086			
2400555	853080			
2400666	853081			
2500369	853087			
2700333	853089			

Figure 46 :- Insert Treat

```

insert into medicines values ('1910' , 9, 2200128 )
insert into medicines values ('2010' ,10 ,2200127)
insert into medicines values ('3010' ,11 ,2200064)
insert into medicines values ('4010' ,20,2300456)
insert into medicines values ('5010' ,50,2300477)
insert into medicines values ('6010' ,55,2400555)
insert into medicines values ('7010' ,75,2400666)
insert into medicines values ('8010' ,45,2500369)
insert into medicines values ('9010',15,2200444)
insert into medicines values ('1010',99,2700333)
select * from medicines
|

```

Results	Explain	Describe	Saved SQL	History
MCODE	MQUANTITY	DID		
1910	9	2200128		
2010	10	2200127		
3010	11	2200064		
4010	20	2300456		
5010	50	2300477		
6010	55	2400555		
7010	75	2400666		
8010	45	2500369		
9010	15	2200444		
1010	99	2700333		

Figure 47 :- Insert Medicines


```

insert into workwith values (2400555 ,50)
insert into workwith values (2400666 ,51)
insert into workwith values (2200128,52)
insert into workwith values (2200127,53)
insert into workwith values (2200064,54)
insert into workwith values (2300456,55)
insert into workwith values (2300477 ,56)
insert into workwith values (2500369 ,57)
insert into workwith values (2200444,58)
insert into workwith values (2700333,59)
select * from workwith

```

Results Explain Describe Saved SQL History

DID	NID
2200064	54
2200127	53
2200128	52
2200444	58
2300456	55
2300477	56
2400555	50
2400666	51
2500369	57
2700333	59

Figure 48 :- Insert Workwith

```

insert into continued values('smoking',50)
insert into continued values('NOISE REDUCTION',51)
insert into continued values('ATTENDANTS',52)
insert into continued values('ADMISSION ADVANCE',53)
insert into continued values('SETTLEMENT OF BILLS',54)
insert into continued values('PATIENT'S BELONGINGS',55)
insert into continued values('TIPS / BAKSHISH ',56)
insert into continued values('VIOLENCE',57)
insert into continued values('YOUR RESPONSE',58)
insert into continued values('FOOD AND BEVERAGES',59)
select *from continued

```

Results Explain Describe Saved SQL History

RUNAME	NID
ADMISSION ADVANCE	53
ATTENDANTS	52
FOOD AND BEVERAGES	59
NOISE REDUCTION	51
PATIENT'S BELONGINGS	55
SETTLEMENT OF BILLS	54
TIPS / BAKSHISH	56
VIOLENCE	57
YOUR RESPONSE	58
smoking	50

Figure 49 :- Insert Continued

```

insert into take values ('1910',853080)
insert into take values ('2010',853081)
insert into take values ('3010',853082)
insert into take values ('4010',853083)
insert into take values ('5010',553084)
insert into take values ('6010',853085)
insert into take values ('7010',853086)
insert into take values ('8010',853087)
insert into take values ('9010',853088)
insert into take values ('1010',853089)
select * from take

```

Results	Explain	Describe	Saved SQL	History
MCODE	PID			
1010	853089			
1910	853080			
2010	853081			
3010	853082			
4010	853083			
5010	553084			
6010	853085			
7010	853086			
8010	853087			
9010	853088			

Figure 50 :- Insert Take

```

insert into do values (70,2400555)
insert into do values (71,2400666)
insert into do values (72,2200128)
insert into do values (73,2200127)
insert into do values (74,2200064)
insert into do values (75,2300456)
insert into do values (76,2300477)
insert into do values (77,2500369)
insert into do values (78,2200444)
insert into do values (79,2700333)
select * from do

```

Results	Explain	Describe	Saved SQL	History
ONUM	DID			
70	2400555			
71	2400666			
72	2200128			
73	2200127			
74	2200064			
75	2300456			
76	2300477			
77	2500369			
78	2200444			
79	2700333			

Figure 51 :- Insert Do

```

insert into take_care_of values (50,853080)
insert into take_care_of values (51,853081)
insert into take_care_of values (52,853082)
insert into take_care_of values (53,853083)
insert into take_care_of values (54,553084)
insert into take_care_of values (55,853085)
insert into take_care_of values (56,853086)
insert into take_care_of values (57,853087)
insert into take_care_of values (58,853088)
insert into take_care_of values (59,853089)
select * from take_care_of

```

Results	Explain	Describe	Saved SQL	History
NID	PID			
50	853080			
51	853081			
52	853082			
53	853083			
54	553084			
55	853085			
56	853086			
57	853087			
58	853088			
59	853089			

Figure 52 :- Insert Take_care_of

❖ Reports :-

```
select(onum) as Total Numbers of IdOperations,(odata) as Total days of DataOperations,(otype) as Total Name of Operations,(did) as Total Numbers of didOperations
from operations
```

Results Explain Describe Saved SQL History

TOTAL_NUMBERS_OF_IDOPERATIONS	TOTAL_DAYS_OF_DATAOPERATIONS	TOTAL_NAME_OF_OPERATIONS	TOTAL_NUMBERS_OF_DIDOPERATIONS
72	16-Apr-2020	Surgical operations	2200064
73	4-May-2019	The removal of the cancer from the body	2200064
74	19-June-2017	Surgical operations	2300456
75	7-July-2020	The removal of the cancer from the body	2300477
76	15-Aug-2019	Surgical operations	2400555
77	8-Apr-2016	The removal of the cancer from the body	2400666
78	3-May-2018	Surgical operations	2500369
79	30-June-2019	The removal of the cancer from the body	2200444
70	3-Mar-2019	Surgical operations	2200128
71	20-Mar-2018	The removal of the cancer from the body	2200127

Figure 53 :- Report of Operations

```
select bdiscription as Types of Bills , count(bnum) as Total Numbers of Bills
from bills
where bdata between '1-may-2021' and '31-may-2021'
group by bdiscription
```

Results Explain Describe Saved SQL History

TYPES_OF_BILLS	TOTAL_NUMBERS_OF_BILLS
reveal	5
operation	5

Figure 54 :- Report of Bills

[illegible]

```
Home > SQL > SQL Commands
```

☒ Autocommit Display 10 Save Run

```
select * from laboratories
select count(lnum) as total_laboratories , min(ldata) as The_oldest_date , max(ldata) as latest_date
from laboratories
```

Results Explain Describe Saved SQL History

TOTAL_LABORATORIES	THE_OLDEST_DATE	LATEST_DATE
10	1-Feb-2019	9-June-2016

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

```
select did as Doctor_ID , ofnum as Doctor_Office ,dfirst as Doctors_Name
from doctors
|
```

Results Explain Describe Saved SQL History

DOCTOR_ID	DOCTOR_OFFICE	DOCTORS_NAME
2400555	1110	Ebrahim
2400666	1110	Ahmed
2200128	1110	Sohaila
2200127	1005	Sohila
2200064	1006	Aya
2300456	1110	Menna
2300477	1110	Mnahel
2500369	1110	Adham
2200444	1110	Aya
2700333	1110	Fatma

Figure 57 :- Report of Doctors

User: GROUP

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
select mcode as Code_Of_Medicines , mquantity as Quantity_Of_Medicines
from medicines
|
```

Results Explain Describe Saved SQL History

CODE_OF_MEDICINES	QUANTITY_OF_MEDICINES
1910	9
2010	10
3010	11
4010	20
5010	50
6010	55
7010	75
8010	45
9010	15
1010	99

10 rows returned in 0.00 seconds

[CSV Export](#)

Figure 58 :- Report of Medicines

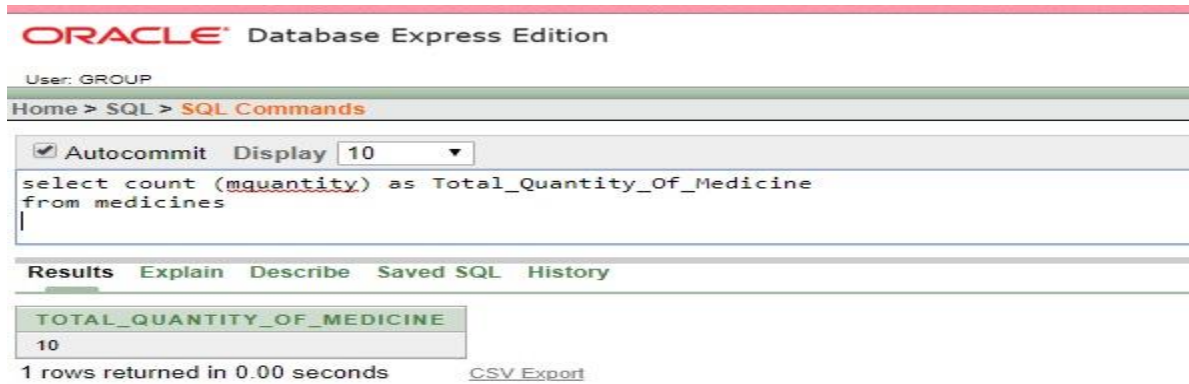


Figure 59 :- Report of Medicines

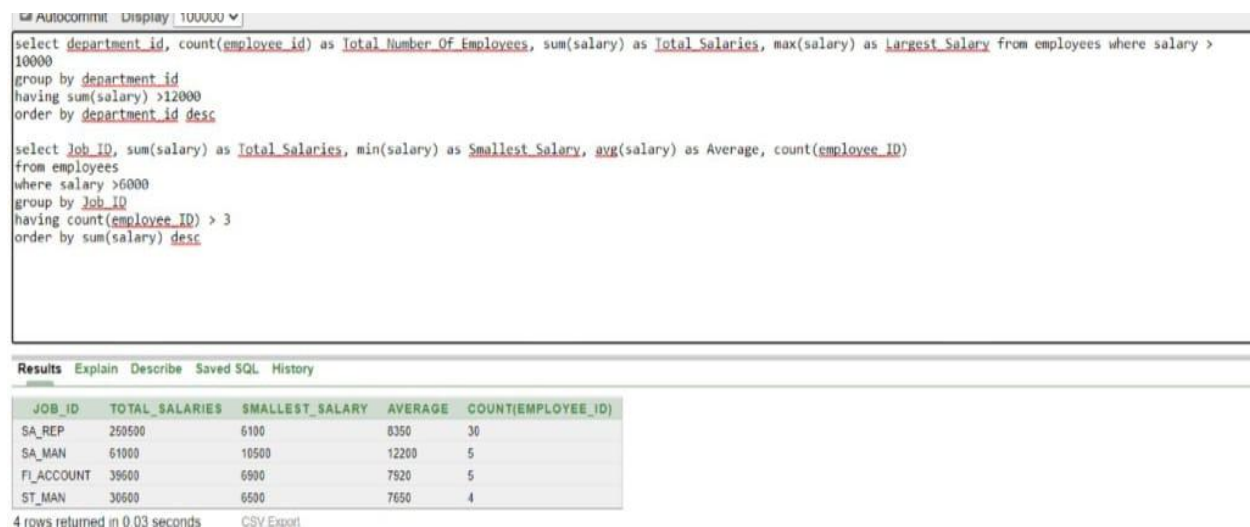


Figure 60 :- Report of Employees

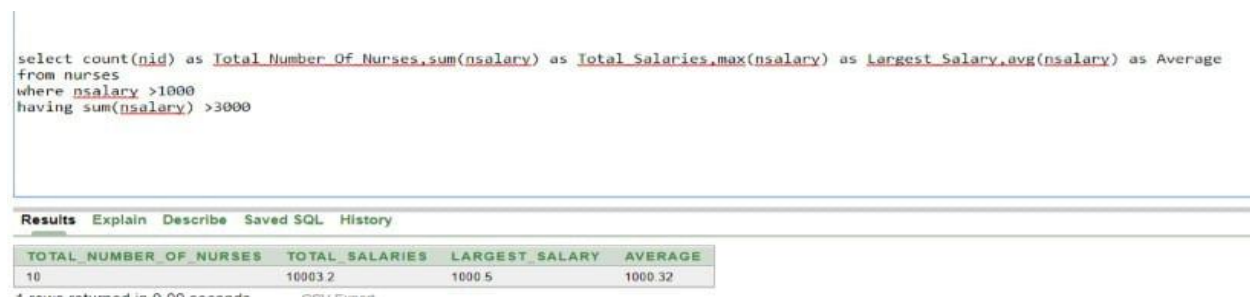


Figure 61 :- Report of Nurses



Figure 62 :- Report of Rooms

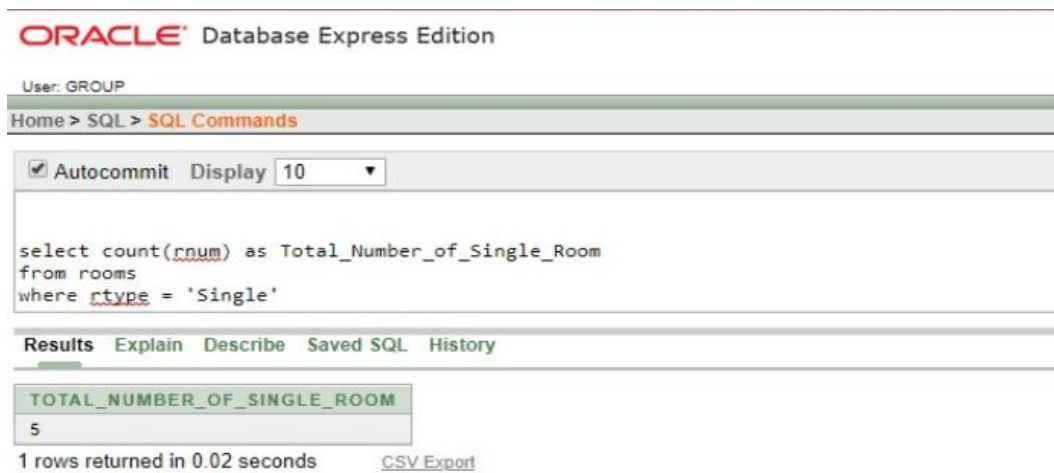


Figure 63 :- Report of Rooms

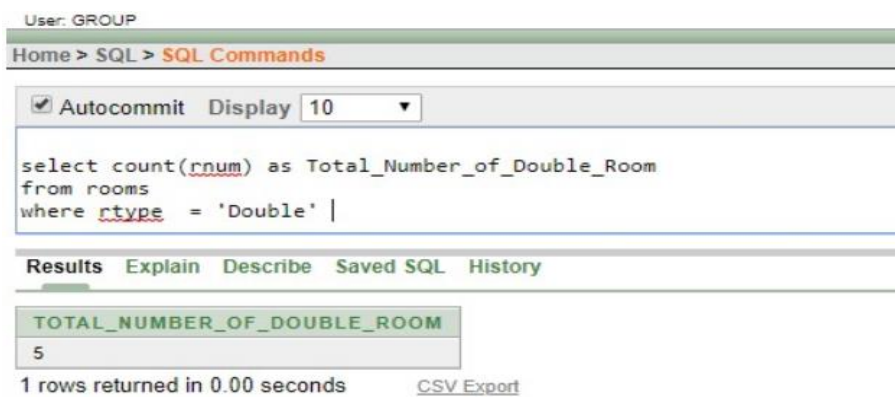


Figure 64 :- Report of Rooms

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
select rfloor as floors_Double_rooms
from rooms
where rtype = 'Double' |
```

Results Explain Describe Saved SQL History

FLOORS_DOUBLE_ROOMS
1
2
2
3
3

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

Figure 65 :- Report of Rooms

ORACLE Database Express Edition

User: GROUP

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
select rfloor as floors_Single_rooms
from rooms
where rtype = 'Single' |
```

Results Explain Describe Saved SQL History

FLOORS_SINGLE_ROOMS
1
1
2
3
4

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

Figure 66 :- Report of Rooms

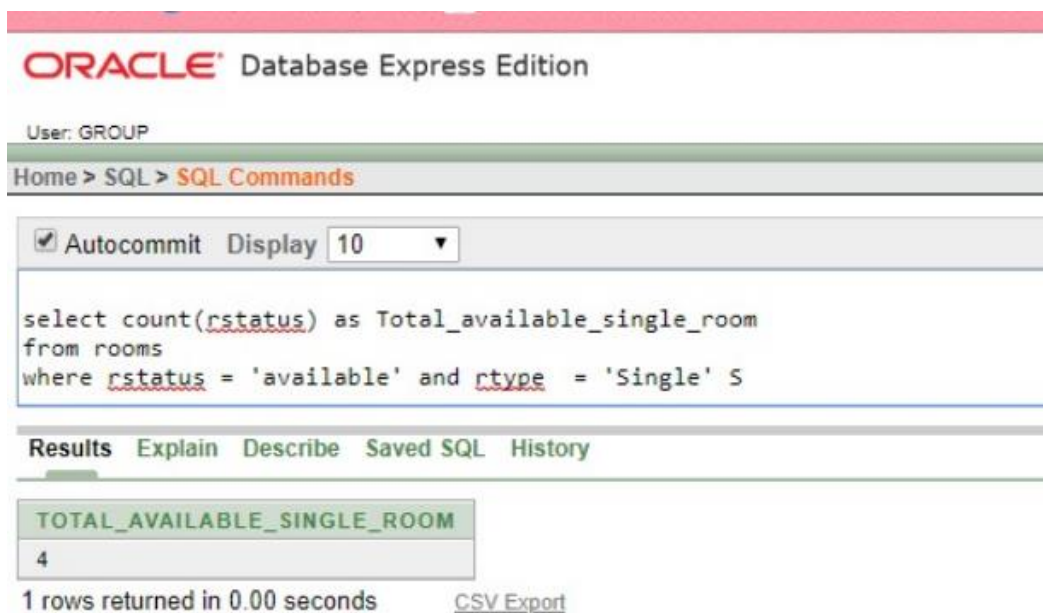


Figure 67 :- Report of Rooms

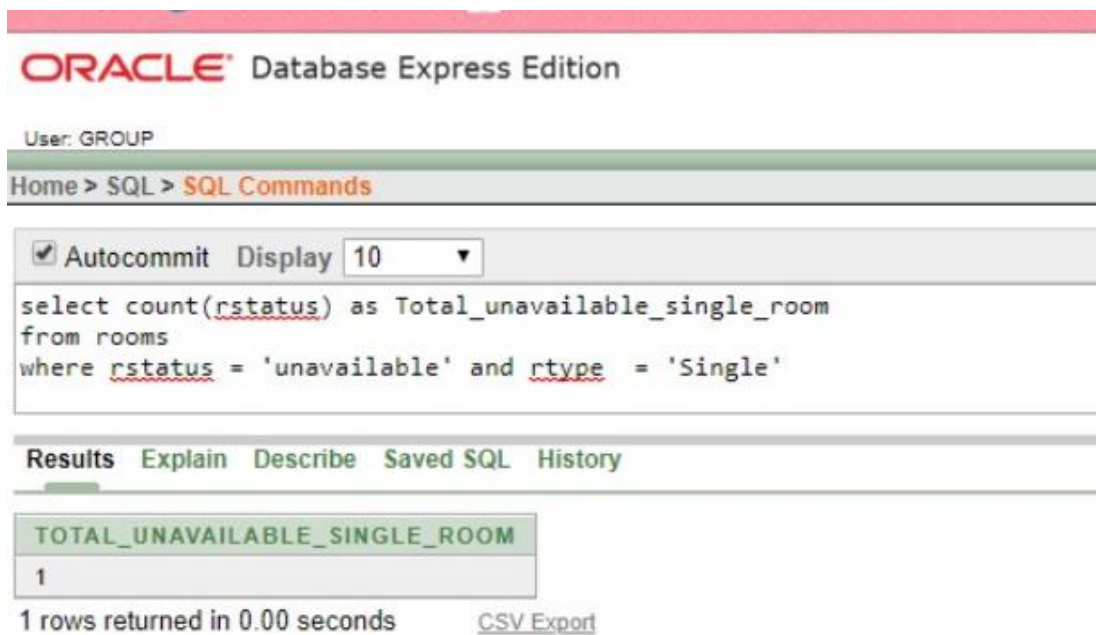


Figure 68 :- Report of Rooms

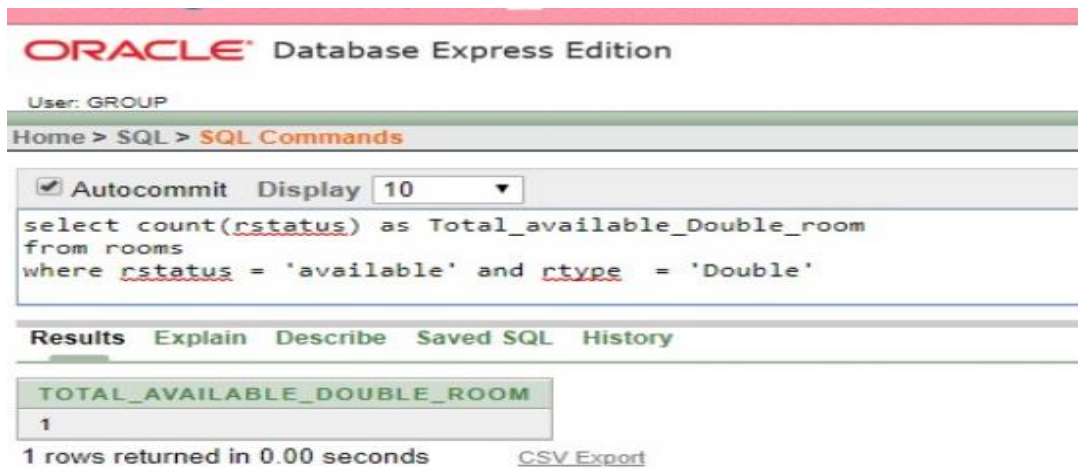


Figure 69 :- Report of Rooms

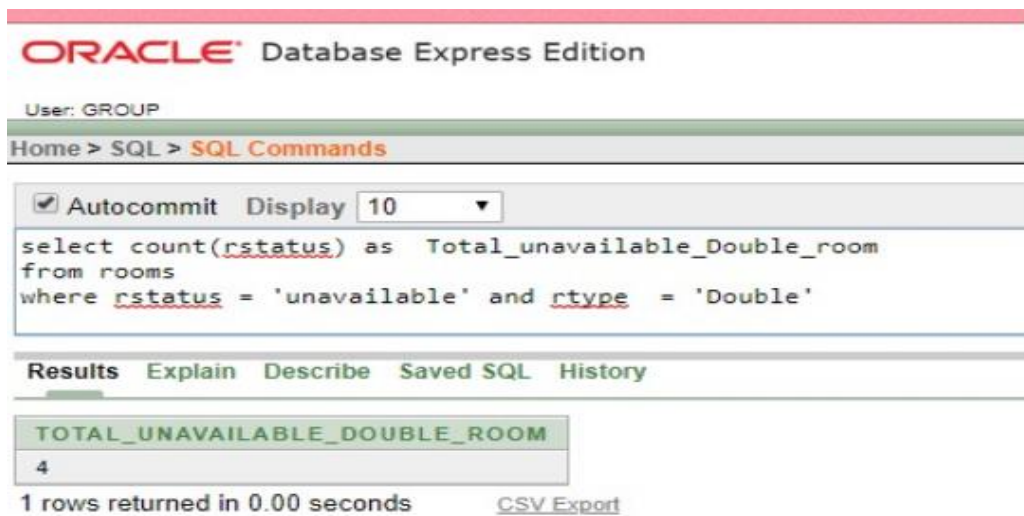


Figure 70 :- Report of Rooms

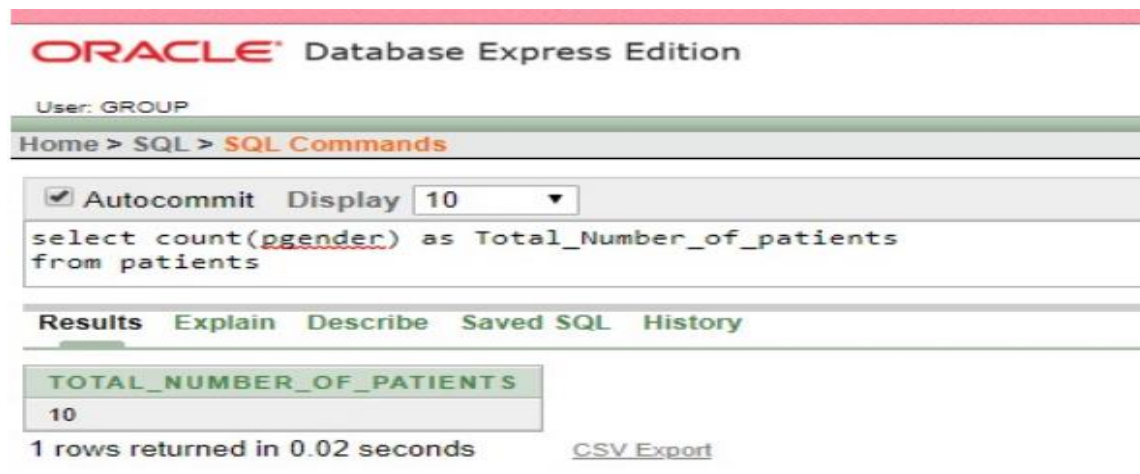


Figure 71 :- Report of Patients

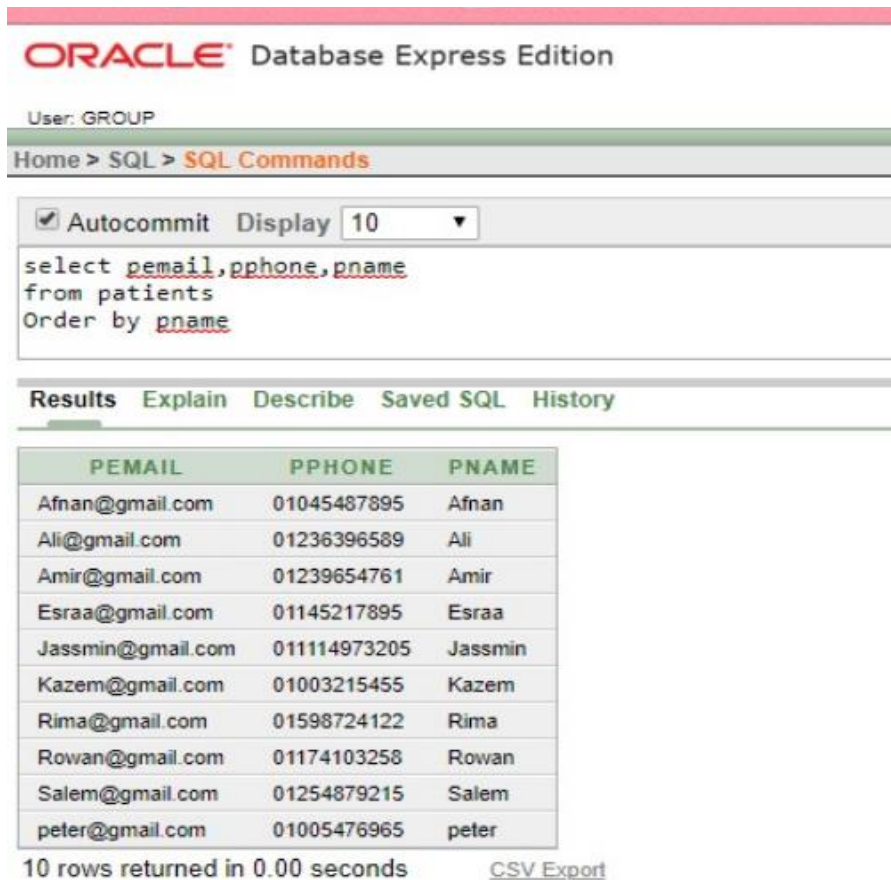


Figure 72 :- Report of Patients

ORACLE® Database Express Edition

User: GROUP

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
Select recnum,pid,pname
from patients
Order by recnum
```

Results Explain Describe Saved SQL History

RECNUM	PID	PNAME
1	853080	Esraa
2	853081	Afnan
3	853082	Rima
4	853083	Kazem
5	553084	Ali
6	853085	peter
7	853086	Amir
8	853087	Rowan
9	853088	Jassmin
10	853089	Salem

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

Figure 73 :- Report of Patients

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
from patients
Order by pname

Select recnum,pid,pname
from patients
Order by recnum
```

Results Explain Describe Saved SQL History

TOTAL_NUMBER_OF_PATIENTS	TOTAL_NAMES_OF_PATIENTS	TOTAL_NUMBERS_OF_IDPATIENTS	TOTAL_RECORD_OF_PATIENTS
01045487895	Afnan	853081	2
01236396589	Ali	553084	5
01239654761	Amir	853086	7
01145217895	Esraa	853080	1
011114973205	Jassmin	853088	9
01003215455	Kazem	853083	4
01598724122	Rima	853082	3
01174103258	Rowan	853087	8
01254879215	Salem	853089	10
01005476965	peter	853085	6

Figure 74 :- Report of Patients