

Hospital Management System

SQL Queries

CREATE AND DESC COMMANDS

```
create table patient(  
name char(20) NOT NULL,  
ID int primary key,  
Address char(30),  
Age int NOT NULL);  
desc patient;
```

Object Type **TABLE** Object **PATIENT**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PATIENT	NAME	Char	20	-	-	-	-	-	-
	ID	Number	-	-	0	1	-	-	-
	ADDRESS	Char	30	-	-	-	✓	-	-
	AGE	Number	-	-	0	-	-	-	-
									1 - 4

```
create table medicine(  
name char(20) NOT NULL,  
ID int primary key,  
Desc char(30),  
Type char(30) NOT NULL);  
desc medicine;
```

Object Type **TABLE** Object **MEDICINE**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MEDICINE	NAME	Char	20	-	-	-	-	-	-
	ID	Number	-	-	0	1	-	-	-
	DES	Char	30	-	-	-	✓	-	-
	TYPE	Char	30	-	-	-	-	-	-
									1 - 4

```
create table department(  

```

Object Type	TABLE	Object	DEPARTMENT						
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>DEPARTMENT</u>	<u>NAME</u>	Char	30	-	-	-	✓	-	-
	<u>ID</u>	Number	-	-	0	1	-	-	-
	<u>BUDGET</u>	Number	-	-	0	-	-	-	-
									1 - 3

Object Type	TABLE	Object	EMPLOYEE						
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPLOYEE	NAME	Char	20	-	-	-	-	-	-
	ID	Number	-	-	0	1	-	-	-
	DESIGNATION	Char	30	-	-	-	✓	-	-
	DEPARTMENT	Number	-	-	0	-	✓	-	-
	SALARY	Number	-	-	0	-	-	-	-
									1-5

Object Type	TABLE	Object	INFRASTRUCTURE						
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
INFRASTRUCTURE	BUILDING_ID	Number	-	-	0	1	-	-	-
	ROOMS	Number	-	-	0	-	✓	-	-
	BUDGET	Number	-	-	0	-	✓	-	-
									1 - 3

INSERT AND SELECT COMMANDS

```
insert into patient values('XYZ',1,'DELHI',18);
```

```
insert into patient values('PQR',2,'JAIPUR',90);
```

```
SELECT * FROM patient;
```

NAME	ID	ADDRESS	AGE
XYZ	1	DELHI	18
PQR	2	JAIPUR	90

2 rows returned in 0.11 seconds

[CSV Export](#)

```
insert into medicine values('crocin',01,'Paracetamol','Fever');
```

```
insert into medicine values('Combiflam',02,'brufen','headache');
```

```
SELECT * FROM medicine;
```

NAME	ID	DES	TYPE
crocin	1	Paracetamol	Fever
Combiflam	2	brufen	headache

2 rows returned in 0.01 seconds

[CSV Export](#)

```
insert into department values('Neurology',01,100000);
```

```
insert into department values('Gastroenterology',02,200000);
```

```
select * from department;
```

NAME	ID	BUDGET
Neurology	1	100000
Gastroenterology	2	200000

2 rows returned in 0.02 seconds

[CSV Export](#)

```
insert into employee values('PQR',01,'Doctor',1,100000);
```

```
insert into employee values('XYZ',02,'Surgeon',2,10000);
```

```
select * from employee;
```

NAME	ID	DESIGNATION	DEPARTMENT	SALARY
PQR	1	Doctor	1	100000
XYZ	2	Surgeon	2	10000

2 rows returned in 0.00 seconds

[CSV Export](#)

```
insert into infrastructure values(1,20,10000);
```

```
insert into infrastructure values(5,100,234570);
```

```
SELECT * FROM infrastructure;
```

BULIDING_ID	ROOMS	BUDGET
1	20	10000
5	100	234570

2 rows returned in 0.00 seconds

[CSV Export](#)