

# AIR TICKET BOOKING SYSTEM

## SQL QUERIES

## CREATE AND DESC COMMANDS

```
create table flights(  
  fid integer PRIMARY KEY,  
  name char(20),  
  source char(20),  
  destination char(20)  
);  
  
desc flights;
```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FLIGHTS	FID	Number	-	-	0	1	-	-	-
	NAME	Char	20	-	-	-	✓	-	-
	SOURCE	Char	20	-	-	-	✓	-	-
	DESTINATION	Char	20	-	-	-	✓	-	-

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```
create table passenger(  
  fid integer REFERENCES flights(fid),  
  pid int PRIMARY KEY,  
  pname char(20),  
  age int  
);  
  
desc passenger;
```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>PASSENGER</u>	<u>FID</u>	Number	-	-	0	-	✓	-	-
	<u>PID</u>	Number	-	-	0	1	-	-	-
	<u>PNAME</u>	Char	20	-	-	-	✓	-	-
	<u>AGE</u>	Number	-	-	0	-	✓	-	-

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```

create table airport(
aptid int PRIMARY KEY,
aptname char(20),
location char(20)
);
desc airport;

```

Object Type **TABLE** Object **AIRPORT**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>AIRPORT</u>	<u>APTID</u>	Number	-	-	0	1	-	-	-
	<u>APTNAME</u>	Char	20	-	-	-	✓	-	-
	<u>LOCATION</u>	Char	20	-	-	-	✓	-	-
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```

create table tickets(
fid integer REFERENCES flights(fid),
price integer,
seat_no integer,
class char(20)
);
desc tickets;

```

Object Type **TABLE** Object **TICKETS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>TICKETS</u>	<u>FID</u>	Number	-	-	0	-	✓	-	-
	<u>PRICE</u>	Number	-	-	0	-	✓	-	-
	<u>SEAT_NO</u>	Number	-	-	0	-	✓	-	-
	<u>CLASS</u>	Char	20	-	-	-	✓	-	-
1 - 4									

```

create table b_centres(
bid int primary key,
location char(20),
boarding_gates int,
staff int
);
desc b_centres;

```

Object Type **TABLE** Object **B\_CENTRES**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
B_CENTRES	BID	Number	-	-	0	1	-	-	-
	LOCATION	Char	20	-	-	-	✓	-	-
	BOARDING_GATES	Number	-	-	0	-	✓	-	-
	STAFF	Number	-	-	0	-	✓	-	-
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## INSERT AND SELECT QUERIES

```
insert into flights values(1,'indigo','DELHI','mumabi');
```

```
insert into flights values(2,'go','DELHI','GOA');
```

```
select * from flights;
```

FID	NAME	SOURCE	DESTINATION
1	indigo	DELHI	mumabi
2	go	DELHI	GOA

2 rows returned in 0.00 seconds

[CSV Export](#)

```
insert into passenger values(2,5745,'Akash',19);
```

```
insert into passenger values(1,57345,'Akshay',19);
```

```
select * from passenger;
```

FID	PID	PNAME	AGE
2	5745	Akash	19
1	57345	Akshay	19

2 rows returned in 0.00 seconds

[CSV Export](#)

```
insert into b_centres values(12,'MUMBAI',5,60);
```

```
insert into b_centres values(13,'DELHI',4,69);
```

```
select * from b_centres;
```

BID	LOCATION	BOARDING_GATES	STAFF
12	MUMBAI	5	60
13	DELHI	4	69

2 rows returned in 0.01 seconds

[CSV Export](#)

```
insert into airport values(20,'EFGH','MUMBAI');
```

```
insert into airport values(10,'BHJJ','GOA');
```

```
select * from airport;
```

APTID	APTNAME	LOCATION
20	EFGH	MUMBAI
10	BHJJ	GOA

2 rows returned in 0.00 seconds

[CSV Export](#)

```
insert into tickets values(2,500,69,'BUS');
```

```
insert into tickets values(1,1000,69,'ECO');
```

```
select * from tickets;
```

FID	PRICE	SEAT_NO	CLASS
2	500	69	BUS
1	1000	69	ECO