

Sql query for online food reservation system

Create database called Hotel that contains following table to store information about daily transactions.

- User
- Staff
- Food
- Order
- Delivery
- View table

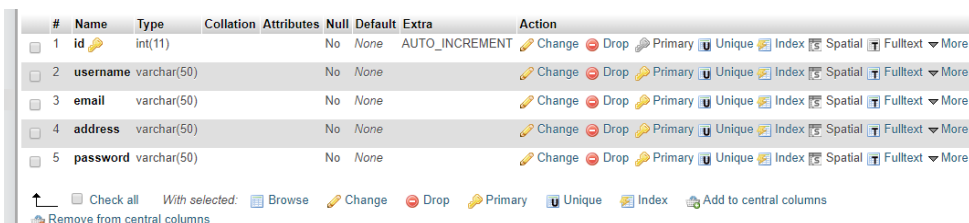
To create database following query is used

```
CREATE DATABASE HOTEL;
```

To create table inside database following query are used

1. For user table

```
CREATE TABLE User (  
  Id int NOT NULL AUTO_INCREMENT PRIMERY KEY,  
  Username varchar(50),  
  Email varchar(50),  
  Address varchar(50),  
  Password varchar(50)  
)
```



#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	username	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
3	email	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
4	address	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
5	password	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext More

↑ Check all With selected: Browse Change Drop Primary Unique Index Add to central columns
Remove from central columns

2. To create staff table

```
CREATE TABLE staff (  
  S_Id int PRIMARY KEY,  
  username varchar(50),  
  password varchar(50),  
  Post varchar(50),  
  address varchar(50),  
  salary int  
)
```

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/>	1	s_id	int(11)		No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	2	username	varchar(50)		No	None		Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	3	email	varchar(50)		No	None		Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	4	password	varchar(50)		No	None		Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	5	address	varchar(50)		No	None		Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	6	salary	int(11)		No	None		Change Drop Primary Unique Index Spatial Fulltext More

Check all With selected: Browse Change Drop Primary Unique Index Add to central columns Remove from central columns

3. To create Food items table

```
CREATE TABLE Food (  
  F_Id int PRIMARY KEY,  
  Food_item varchar(50),  
  price int  
)
```

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/>	1	f_id	int(11)		No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	2	food_item	varchar(50)		No	None		Change Drop Primary Unique Index Spatial Fulltext More
<input type="checkbox"/>	3	price	int(11)		No	None		Change Drop Primary Unique Index Spatial Fulltext More

Check all With selected: Browse Change Drop Primary Unique Index Add to central columns Remove from central columns

4. To create Order table

```
CREATE TABLE Order (  
  O_Id int PRIMARY KEY,  
  Food_item varchar(50),  
  number_of_item int  
)
```

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	o_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	food_item	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
3	no-of_item	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext More

Check all With selected: Browse Change Drop Primary Unique Index Add to central columns Remove from central column

Print view Propose table structure Track table Move columns Improve table structure

5. To create Delivery Table

```
CREATE TABLE Delivery (  
  D_Id int PRIMARY KEY,  
  S_id int FOREIGN KEY REFERENCE staff(s_id),  
  F_id int FOREIGN KEY REFERENCE staff(f_id),  
  Address varchar(50),  
  number_of_item int  
)
```

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	D_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	s_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
3	f_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
4	address	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext More
5	no_of_item	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext More

Check all With selected: Browse Change Drop Primary Unique Index Add to central columns Remove from central columns

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Now to Insert data on table

- To insert food items on table

```
INSERT INTO FOOD (f_id,food,price)
VALUES ("Food_name",food_price value)
```

- To order food items on table

```
SELECT food_item
FROM Food
```

- To insert user information

```
INSERT INTO user (Id, Username, Email, Address, Password)
VALUES (id_value, "User_name", "Email id", "Assress", "Password")
```

- To insert Staff information

```
INSERT INTO Staff (Id, Username, Email, Address, Password, post, salary)
VALUES (id_value, "User_name", "Email id", "Assress", "Password", "POST",
Salary)
```

Create View Information

```
SELECT username, food_item, number_of_item,price, delivery.address
FROM user, food, order, delivery
```