

SQL Stored Procedure Challenge - Discussion

SQL Stored Procedures - Hotel Room Booking

Basic Normalized Tables (Can be extended as necessary)

```
create table customers(custid int primary key, custname varchar(50), phone  
varchar(50), address varchar(250))
```

```
create table roomtype(roomtype varchar(50) primary key, rentperday int)
```

```
create table rooms(roomno int primary key, roomtype varchar(50), availability  
varchar(50) Default 'Yes')
```

```
create table allocation(custid int, roomno int, checkin datetime, checkout  
datetime, reasonforstay varchar(250), primary key(custid, roomno, checkin))
```

```
create table bills(billno int primary key, custid int, billdate datetime, noofdays  
int, rentperday int, totalamount int)
```

Write Stored Procedures for the following Basic Operations

- adding a new room
- adding new room type
- changing rent for a room type
- changing room type to another type
- adding new customers
- checking room availability
- room allocation/check-in
- room check-out along with bill calculation