

```
create table guest(  
gid INT primary key,  
first_name varchar(100),  
last_name varchar(100),  
gender varchar(10),  
address varchar(50),  
gust_phone varchar(20)  
  
);
```

0 row(s) affected 0.034 sec

```
CREATE TABLE room (  
    room_id INT PRIMARY KEY,  
    avaibility BOOLEAN,  
    room_type VARCHAR(50),  
    price DECIMAL(10,2),  
    bed_type VARCHAR(50),  
    cleaning_status VARCHAR(50)  
);
```

0 row(s) affected 0.032 sec

```
CREATE TABLE department (  
    department_numper INT PRIMARY KEY,  
    department_name VARCHAR(100),  
    department_floor INT  
);
```

0 row(s) affected 0.047 sec

```
CREATE TABLE guest_email (  
    email VARCHAR(100) ,  
    gid INT,  
    constraint pk_guest_email primary key(email,gid),  
    constraint fk_guest_email FOREIGN KEY (gid) REFERENCES guest(gid)  
);
```

0 row(s) affected
0.047 sec

```
CREATE TABLE guest_phone (  
    phone VARCHAR(20),  
    gid INT,  
    CONSTRAINT pk_guest_phone PRIMARY KEY (phone,gid),  
    CONSTRAINT fk_guest_phone FOREIGN KEY (gid) REFERENCES guest(gid)  
);
```

0 row(s) affected
0.047 sec

```

CREATE TABLE employee (
    eid INT PRIMARY KEY,
    fname VARCHAR(100),
    snma VARCHAR(100),
    lname VARCHAR(100),
    jop_title VARCHAR(50),
    barithdate DATE,
    phone VARCHAR(20),
    email VARCHAR(100),
    gender VARCHAR(10),
    department_numper INT,
    gid INT,
    supervisor_id INT,
    FOREIGN KEY (department_numper) REFERENCES department(department_numper),
    FOREIGN KEY (id) REFERENCES guest(gid),
    FOREIGN KEY (supervisor_id) REFERENCES employee(eid)
);
0 row(s) affected
0.047 sec

```

```

CREATE TABLE work (
    room_id INT,
    eid INT,
    room_service varchar(150),
    constraint pk_work PRIMARY KEY (room_id, eid),
    FOREIGN KEY (room_id) REFERENCES room(room_id),
    FOREIGN KEY (eid) REFERENCES employee(eid)
);
0 row(s) affected
0.047 sec

```

```

CREATE TABLE reserve(
gid INT,
room_id INT,
constraint pk_reserve primary key(gid,room_id),
FOREIGN KEY (gid) REFERENCES guest(gid),
FOREIGN KEY (room_id) REFERENCES room(room_id)
);
0 row(s) affected
0.047 sec

```

```

INSERT INTO guest (gid, first_name, last_name, gender, address)
VALUES (1, 'Ahmad', 'Hassan', 'Male', 'Nablus');

```

1 row(s) affected Records: 1 Duplicates: 0 Warnings: 0 .031sec

```

INSERT INTO guest (gid, first_name, last_name, gender, address)

```

```
VALUES (2, 'Sara', 'Ahmed', 'Female', 'barqa');
1 row(s) affected Records: 1 Duplicates: 0 Warnings: 0 .031sec
```

```
INSERT INTO guest_phone (phone, gid)
VALUES ('0594589671', 1);
```

```
1 row(s) affected 0.016 sec
```

```
INSERT INTO guest_phone (phone, gid)
VALUES ('056967312', 2);
```

```
1 row(s) affected 0.000 sec
```

```
INSERT INTO room (room_id, avaibility, room_type, price, bed_type, cleaning_status)
VALUES (101, TRUE, 'Single room', 250.00, 'Single Bed', 'Clean');
1 row(s) affected 0.016 sec
```

```
INSERT INTO room (room_id, avaibility, room_type, price, bed_type, cleaning_status)
VALUES (102, FALSE, 'Deluxe double room', 800.00, 'Double Bed', 'Dirty');
1 row(s) affected 0.015 sec
```

```
INSERT INTO department (department_numper, department_name, department_floor)
VALUES (1, 'Security', 1);
1 row(s) affected 0.015 sec
```

```
INSERT INTO department (department_numper, department_name, department_floor)
VALUES (2, 'Reception', 0);
1 row(s) affected 0.00 sec
```

```
INSERT INTO employee (eid, fname, snma, lname, jop_title, barithdate, phone,
email,gender, department_numper, gid, supervisor_id)
VALUES (10, 'Abdalrheem', 'hassan', 'salah', 'Manager', '2003-04-18', '0592789562',
'abdalrheem@gmail.com', 'Male', 2, 1, NULL);
```

```
1 row(s) affected 0.016 sec
```

```
INSERT INTO employee (eid, fname, snma, lname, jop_title, barithdate, phone,
email,gender, department_numper, gid, supervisor_id)
VALUES(11, 'Nizar', 'Salem', 'Kassab', 'room_service', '1990-08-20', '0557654321',
'Nizar@hotmail.com', 'Male', 1, 2, 10);
1 row(s) affected 0.000 sec
```

```
INSERT INTO work (room_id, eid, room_service)
```

```
VALUES (101, 11, 'Breakfast');
```

```
1 row(s) affected 0.016 sec
```

```
INSERT INTO work (room_id, eid, room_service)
```

```
VALUES (102, 11, 'Online ordering');
```

```
1 row(s) affected 0.000 sec
```

```
INSERT INTO reserve (gid, room_id, date_reserve)
```

```
VALUES (1, 101, NOW());
```

```
1 row(s) affected 0.015 sec
```

```
INSERT INTO reserve (gid, room_id, date_reserve)
```

```
VALUES(2, 102, NOW());
```

```
1 row(s) affected 0.000
```

```
INSERT INTO guest_email (email, gid)
```

```
VALUES ('Ahmad.hassan@gmail.com', 1);
```

```
1 row(s) affected 0.015 sec
```

```
INSERT INTO guest_email (email, gid)
```

```
VALUES ('sara.ahmed@outlook.com', 2);
```

```
1 row(s) affected 0.016 sec
```