DBT Problem Solving - Set - 019

***Consider the following relations***

***hotel {hotelID, name, address, city, phone, email}***

***room {roomID, hotelID, roomNumber, type ['Single', 'Double', 'Suite'], pricePerNight, status ['Available', 'Occupied', 'Maintenance']}***

***guest {guestID, name, phone, email, idProofType, idProofNumber}***

***booking {bookingID, guestID, roomID, check\_in\_date, check\_out\_date, booking\_status ['Confirmed', 'Checked-In', 'Checked-Out', 'Cancelled']}***

***staff {staffID, name, role ['Receptionist', 'Housekeeping', 'Manager', 'Security'], phone, email, hotelID}***

***staff\_assignment {***assignmentID***, staffID, roomID, task\_description, assignedDate, status [ 'Pending', 'In Progress', 'Completed']}***

***service {serviceID, name, price}***

***bookingService {ID bookingID, serviceID, assignedDate, quantity}***

***maintenance\_request {requestID, roomID, staffID, issue\_description, request\_date, status ['Reported', 'In Progress', 'Resolved']}***

**Given the above relations solve the following queries.**

Answers Set – 019: