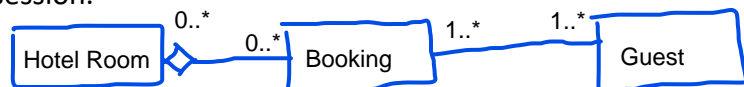


**Objectives :** Identify correct relationships and draw class diagrams.

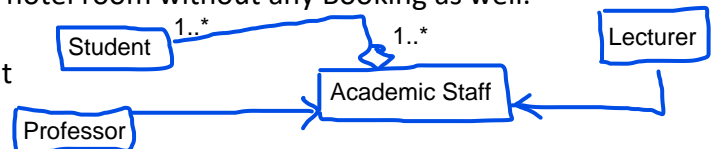
Work with another student to find answers together to these questions. Draw your solution on a piece of paper. If you have doubts check with your Tutors. The Tutors will discuss possible solutions with you during the Tutorial session.

- 1) HotelRoom, Booking, Guest



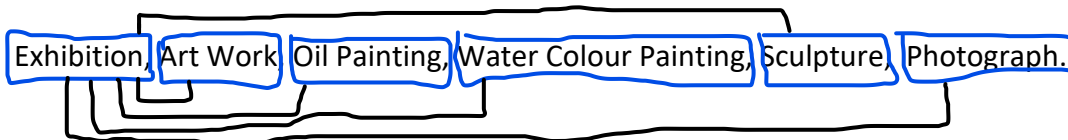
A Hotel Room can have many bookings made. A guest can have one or bookings. Each booking can include details of multiple guests. There can be a hotel room without any Booking as well.

- 2) Academic Staff, Lecturer, Professor, Student



A Lecturer is an Academic Staff. A Professor is also an Academic Staff. An Academic staff teaches many students. Also, a student is taught by many Academic Staff.

- 3)



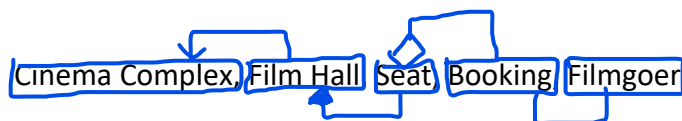
An Exhibition, consists of multiple Art Work. Oil Painting, Water Colour Painting, Sculpture, Photographs are examples of Art Work.

- 4) Prescription, Patient, Doctor, Appointment



A Patient can get many Appointments. A Doctor also will consult through many Appointments. The Doctor may give multiple prescriptions to the patient.

- 5)



A Cinema Complex may have multiple Film Halls. Each Film Hall has multiple Seats. A Filmgoer can make multiple Bookings. A Booking can be for multiple seats. Each Seat may be booked multiple times for different shows.