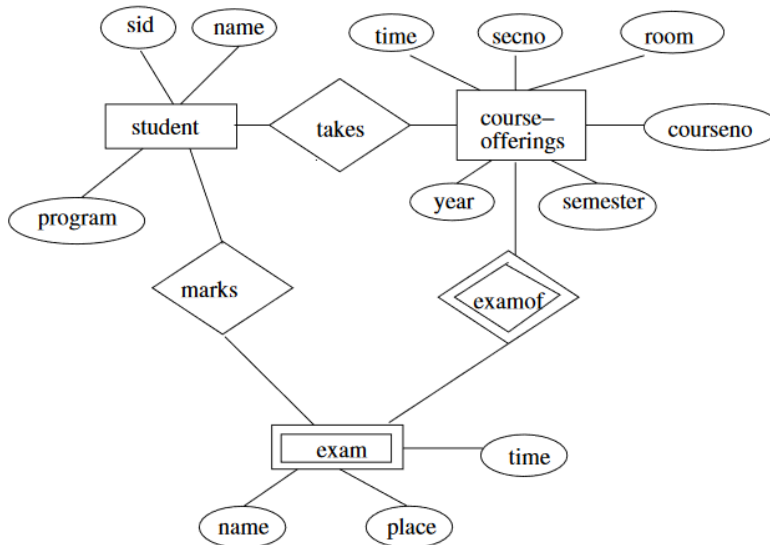
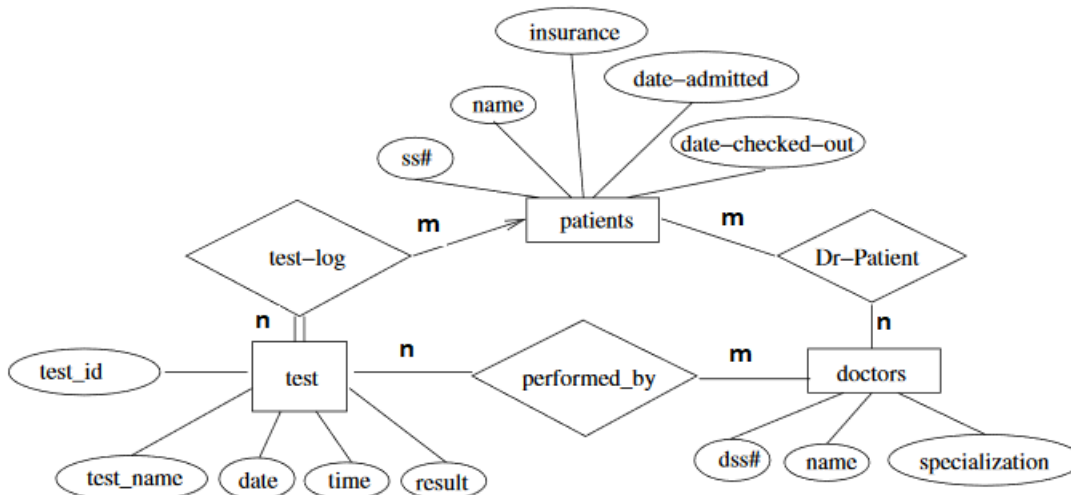


Module 01 Exercises Answers

a.



b. For the following Final ER schema apply mapping steps:



Hospital tables:

patients (patient-id, name, insurance, date-admitted, date-checked-out)

doctors (doctor-id, name, specialization)

test (testid, testname, date, time, result)

doctor-patient (patient-id, doctor-id)

test-log (testid, patient-id) performed-by (testid, doctor-id)

c. **1NF**
Lecturer Number, Lecturer Name, Lecturer Grade, Department Code, Department Name
Lecturer Number , Subject Code, Subject Name, Subject Level

2NF

Lecturer Number, Lecturer Name, Lecturer Grade, Department Code, Department Name
Lecturer Number, Subject Code
Subject Code, Subject Name, Subject Level

3NF

Lecturer Number, Lecturer Name, Lecturer Grade
*Department Code
Department Code, Department Name
Lecturer Number, Subject Code
Subject Code, Subject Name, Subject Level

d. **Select** *
From *Sailors*
Where *age between 25 and 35*
Or *age is null;*