



University of Central Punjab

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FACULTY OF INFORMATION TECHNOLOGY

Spring 2023

Lab_06

DDL

Q1. Create a table **Patient** with following fields

- PatientID varchar (15)
- Name varchar (15)
- Age int
- Gender varchar(5)
- Address varchar(20)
- Disease varchar(10)
- DoctorID varchar(15)

Constraints.

- **PatientID** in Patient, is primary key.

Q2. Change the datatype of Gender from varchar(5) to char in **Patient** table.

Q3. Create a table **Doctor** with following fields

- DoctorID varchar (15)
- Name varchar (15)
- Age int
- Gender char
- Address varchar(20)

Constraints.

- **DoctorID** in Doctor, is primary key.

Q4. Now add column **DoctorWard varchar(15)** in Doctor table.

Q5. There is no relationship between Patient and Doctor table, so make a relation between these two tables using alter command.

Note DoctorID in Patient, should be foreign key from Doctor table.

Q6. Create a table **Lab** with following fields

- LabID varchar (15)
- TestDate date
- TestAmount varchar(20)
- PatientID varchar(15)
- DoctorID varchar(15)

Constraints.

- **LabID** in Lab, is primary key.

Q7. DoctorID in Lab, should be foreign key from Doctor Table

Q8. PatientID in Lab, should be foreign key from Patient Table

Q9. Change name of TestAmount column in Lab to Amount.

Q10. Change the data type of Amount in Lab from varchar(20) to double.

Q11. Add a new column with the name of LabNo varchar (10).

Q12. Create a table **HospitalRoom** with following fields

- RoomID varchar (15)
- RoomAllocationDate date
- RoomType varchar(20)
- RoomStatus varchar(5)

Constraints.

- **RoomID** in HospitalRoom, is primary key.

Q13. Create a table **PatientBill** with following fields

- BillID varchar (15)
- BillDate date
- Amount varchar(20)
- PatientID varchar(15)

Constraints.

- **BillID** in PatientBill, is primary key.

Q14. There is no relationship between Patient table and PatientBill table, so make a relation between these two tables using alter command.

Note PatientID in PatientBill, should be foreign key from Patient table.

Q15. Insert 5 records in each table.

Q16. Delete Amount column from Patientbill table.

Q17. Update name of Patient from Ali to Naeem in Patient table.

Q18. Delete the PatientBill table.

Q19. Remove all the data from HospitalRoom table.

Q20. Rename HosiptalRoom table to Room.