**DBMS Mini Project Executed Statements:-**

**INSERT Statements:-**

1. **Doctor Record:-**

INSERT INTO `doctor\_record`(`id`, `DoctorName`, `Specialization`) VALUES ('D01','Anjaneyulu','Dentist');

INSERT INTO `doctor\_record`(`id`, `DoctorName`, `Specialization`) VALUES ('D02','Srinivasan','Psychatrist');

INSERT INTO `doctor\_record`(`id`, `DoctorName`, `Specialization`) VALUES ('D03','Krishnappa','Oncologist');

INSERT INTO `doctor\_record`(`id`, `DoctorName`, `Specialization`) VALUES ('D04','Lalita','Gynecologist');

INSERT INTO `doctor\_record`(`id`, `DoctorName`, `Specialization`) VALUES ('D05','Kumudha','Neurologist');

1. **Patient Record:-**

INSERT INTO `patient\_record`(`id`, `Name`, `Disease`, `Date`, `Time`) VALUES ('101','Rajesh','Fever','8-10-2021','12:00:00:PM');

INSERT INTO `patient\_record`(`id`, `Name`, `Disease`, `Date`, `Time`) VALUES ('202','Varun','Arthritis','8-1-2019','01:35:00:AM');

INSERT INTO `patient\_record`(`id`, `Name`, `Disease`, `Date`, `Time`) VALUES ('303','Shiva','Asthma','17-11-2020','01:45:00:PM');

INSERT INTO `patient\_record`(`id`, `Name`, `Disease`, `Date`, `Time`) VALUES ('404','Swathi','Pregnancy','22-9-2019','08:45:00:PM');

INSERT INTO `patient\_record`(`id`, `Name`, `Disease`, `Date`, `Time`) VALUES ('505','Anita','Cancer','1-11-2021','10:00:00:AM');

1. **User Login:-**

INSERT INTO `user\_login`(`id`, `username`, `password`) VALUES ('101','rajeshkumar','rajesh28');

INSERT INTO `user\_login`(`id`, `username`, `password`) VALUES ('404','swathibaskar','swati22');

INSERT INTO `user\_login`(`id`, `username`, `password`) VALUES ('606','sandeshbalan','sandesh18');

**JOIN Statements:-**

1. **Inner Join:-**

SELECT patient\_record.id, patient\_record.Name, doctor\_record.id,doctor\_record.Specialization FROM patient\_record INNER JOIN doctor\_record ON doctor\_record.id = patient\_record.id;

1. **Left Join:-**

SELECT patient\_record.id, patient\_record.Name, doctor\_record.id,doctor\_record.Specialization FROM patient\_record LEFT JOIN doctor\_record ON doctor\_record.id = patient\_record.id ORDER BY doctor\_record.DoctorName;

1. **Right Join:-**

SELECT patient\_record.id, patient\_record.Name, doctor\_record.id,doctor\_record.Specialization FROM patient\_record RIGHT JOIN doctor\_record ON doctor\_record.id = patient\_record.id ORDER BY doctor\_record.DoctorName;

1. **Full Outer Join:-**

SELECT patient\_record.id, patient\_record.Name, doctor\_record.id,doctor\_record.Specialization FROM patient\_record FULL OUTER JOIN doctor\_record ON doctor\_record.id = patient\_record.id ORDER BY doctor\_record.DoctorName;

**Aggregate Functions:-**

1. **SUM():-**

SELECT SUM(id) FROM patient\_record;

1. **COUNT():-**

SELECT COUNT(id) FROM patient\_record;

1. **AVG():-**

SELECT AVG(id) FROM patient\_record;

Self functions:-

1. **Retrieve details of all patients & doctors in the hospital – Id, doctorName, Specialization, Id, Name, Disease, Date, Time.**

select p.id,p.Name,p.Disease,p.Date,p.Time,d.id,d.DoctorName,d.Specialization from patient\_record p,doctor\_record d;

1. **Get the Admitted Date from Patients but from ‘**8-10-2021’ to ‘2-11-2021’.

**Sol:**

select Name,Date from patient\_record where Date between '8-10-2021' and '2-11-2021' ;

1. **Retrieve Patient Name along with Admitted Date details of patient\_record which was registered in 2019.**

select Name,Date,Time from patient\_record where Date like '%2019';

1. **Partition the patient\_record table based on admitted year. Demonstrate its working with a simple query.**

create view v\_patient as select Date from patient\_record;

select \* from v\_patient;