



Advanced SQL Project Doc.

Hospital Database

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- Display number of females and males of doctors, and nurses.
- Display number of doctors in each city.
- The avg. Age for the doctors.
- Create view for Full name of doctors and department name where the age is greater than 55.
- Create a rule on doctor table for inserting ages less than 80.
- Create data type and default and apply it on department table to insert specific department names.
- Create a stored procedure to display numbers of patients per department.
- Using rank window function over department for highest numbers of patients.
- Create trigger on doctor table to prevent insertion on Friday.
- Display number of doctors in each department.
- Display number of rooms in each department.
- Create cursor for adding Mr with male names and Mrs with female names.
- Create a stored procedure to display number of female and male patients.
- Create view to display all patients with case operation.
- Display average age of patients.
- Display the number of patients who has check or operation case.
- Display the total fees of all patients.
- Display sum fees per month.
- Display the average age of nurses.
- Create view for nurse id and full name where the age is greater than 55.
- Display the number of nurses in each city.

- Display total quantity available of medicine.
- Create a stored procedure that display the quantity of medicine with early expiry date.
- Create a rank window function to rank the medicine with early expiry date.
- Display top three medicine companies.
- Create trigger on receptionist after insertion display a message that you inserted successfully.