

SQL Assignment

Based on the given table structure, execute the following commands.

Pre requisite: Insert at least fifteen records of Instructor

- 1) Extract all instructors based on salary > 2000.
- 2) Alter the instructor table and one more column TechnologyName. Type varchar and InstructorType varchar.
 - a. Instructor type can have two values Programming, Infra, Database, or Communication.
- 3) Extract all instructors based on technology type.
- 4) Increase the salary of all Instructors of Communication.
- 5) How much total Salary paid to Programming Instructors?
- 6) Render Total Salary paid based on Instructor Type.
- 7) Sort Instructor based on name.
- 8) Extract all Instructors from address "Bangalore".
- 9) Extract all Instructor which contain "FSD in technology Name".
- 10) Get the name , code of All Instructors who has first language as "Spanish"
- 11) Count an Instructor who can speak "Spanish".
- 12) Update the Salary of All instructors who can speak "Spanish".
- 13) Display InstructorCode, JobStartYear,email,phone of Instructors who has first language as "Spanish".
- 14) SQL Query to drop column Second Language.

```
create table Instructor(  
    instructorCode int Primary Key,  
    name varchar(20) not null,  
    salary int not null,  
    jobStartYear int not null  
);
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Create Table InstructorInfo(  
    recordId int primary key,  
    instructorCode int references Instructor(instructorCode),  
    address varchar(100),  
    email varchar(30),  
    phone number(10),  
    firstLanguage varchar(20),  
    secondLanguage Varchar(20)  
);
```