**Queries Using Airport Database**

# Show all the employees we have in our database

SELECT \* FROM Employee;

#Show all the airplane whose model number that start with 737

SELECT \* FROM Airplane WHERE ModelNum REGEXP '737';

#Show the First and Last name and email of all employees whose last name contains mi or nn or ar

SELECT FirstName,LastName,Email FROM Employee WHERE LastName REGEXP 'mi|nn|ar';

#Show the amount of employees that work for our airport

SELECT COUNT(\*) FROM Employee;

#Show the First, Last name, job title and salary. Show me only first the 10 employees and sort them by their job title.

SELECT FirstName,LastName,JobTitle,salary FROM Employee group by JobTitle limit 10;

#Show the employees full name, their full address, email, job title, hire date and salary. ​You must concatenate the full name of the employee and address. You must also format their salary and hire date. You must sort them

SELECT concat(FirstName," ",LastName) AS "Customer Full Name", concat(Address," ",City," ",State," ",ZipCode)as "Full Address",Email,JobTitle, DATE\_FORMAT(HireDate, "%M %d, %Y") as HireDate, concat ("$",format(salary,0)) as Salary FROM employee order by JobTitle,salary;

#Show the first and last name of the employee, their expertise, years of experience in the job and salary of the mechanic technician. ​**You must also format their salary** ​sort by their expertise in alphabetical order from A - Z and​ ​Sort it by salary from highest to lowest.

SELECT employee.FirstName,employee.LastName,MechanicTechnician.Expertise,MechanicTechnician.YearsOfExperience, concat ("$",format(salary,0)) as salary FROM employee inner join MechanicTechnician using(SSN) order by Expertise ,salary;

#Show the full name of the employee, social security number, job title of the employee, the FAA test type, test name, the number hours of worked on test, the registration number, the exam date and the test score. We only want those employees who worked 25 hours and above. You must concatenate the full name of the employee, format the date the exam date that translates 2019-03-24 and it must show as 03/24/2019

SELECT concat(employee.FirstName," ",employee.LastName) AS "Employee Full Name", employee.SSN,employee.JobTitle,test.FAA,test.TestName,test.NumofHours,test.RegistrationNum,DATE\_FORMAT(ExamDate, "%d/%m/%Y") as ExamDate,test.Test\_score FROM employee inner join test using(SSN) WHERE NumofHours>25;

#Show all the employees first and last name, cell phone number, medical exam and salary. We only want those employees that make under 65K and whose name is Professor Xavier

SELECT employee.FirstName, employee.LastName,employee.CellPhonenum, AirTrafficController.NedicalExam from employee inner join AirTrafficController using(SSN);

#Show name of the registration number, the capacity of the plane, weight of the plane, the name of the airport, model number, the FAA exam type and test score. We only want to know those whose test score is below a 90.

SELECT Airplane.RegistrationNum, capacity,weight,AirportName,ModelNum,test.FAA, test.TestName, test.Test\_Score from airplane inner join test using(RegistrationNum) WHERE Test\_Score<90;

#Show the airport name, the registration number, Model number of the plane, capacity of the plane, weight of the plane, FAA exam type, the Test name, their test score, the exam date, the full name of the employee performing the test. ***Format the date the exam date that translates 2019-03-24 and it must show as March 24, 2019***​*,* ​***You must concatenate the full name of the employee***​ ***a***​ ***nd the employee full name in alphabetical order***

SELECT Airplane.AirportName,Airplane.RegistrationNum, ModelNum, capacity,weight, test.FAA, test.TestName, test.Test\_Score, DATE\_FORMAT(test.ExamDate, "%M %d, %Y") as ExamDate, concat(employee.FirstName," ",employee.LastName) AS EmployeeName from airplane inner join test using(RegistrationNum) inner join employee using(SSN) order by EmployeeName;