SELECT Campus.Address, COUNT(Enrolment.StudentID) AS 'No. of Students' FROM Campus LEFT JOIN Classroom ON Campus.CaID = Classroom.CaID LEFT JOIN SpaceAssign ON Classroom.RmID = SpaceAssign.RmID LEFT JOIN Teach ON SpaceAssign.SpaID = Teach.SpaID LEFT JOIN Enrolment ON Teach.ModuleID = Enrolment.ModuleID GROUP BY (Campus.CaID);

SELECT Department.DeptName, COUNT(Enrolment.StudentID) AS 'Total Students' FROM Department LEFT JOIN Module ON Department.DeptID = Module.DeptID LEFT JOIN Enrolment ON Module.ModuleID = Enrolment.ModuleID GROUP BY (Department.DeptID) HAVING COUNT(Enrolment.StudentID) > 50;

SELECT Student.StudentID, Student.StudentName, Department.Address AS 'Home Department' FROM Student LEFT JOIN Enrolment ON Student.StudentID = Enrolment.StudentID LEFT JOIN Module ON Enrolment.ModuleID = Module.ModuleID LEFT JOIN Department ON Module.DeptID = Department.DeptID WHERE Enrolment.Year = 2020 AND Module.TMode LIKE '%online%' GROUP BY (Student.StudentID);

INSERT INTO Campus(Address, GmName, Country, Status) VALUES('122 Pineapple Ave, New York','Michael Carlos','USA','Open soon');

SELECT Staff.StaffID, Staff.FirstName, Staff.LastName,Campus.Address FROM Staff LEFT JOIN Campus ON Staff.CaID = Campus.CaID WHERE Staff.LeftD LIKE '2019-%-%' GROUP BY (Staff.StaffID);

SELECT Classroom.RmID AS 'Room ID', Classroom.Capacity, Classroom.Location FROM Classroom LEFT JOIN Campus ON Classroom.CaID = Campus.CaID LEFT JOIN SpaceAssign ON Classroom.RmID = SpaceAssign.RmID LEFT JOIN Teach ON SpaceAssign.TID = Teach.TID WHERE Campus.Address LIKE '%belfast' AND Classroom.Type = 'classroom' AND SpaceAssign.Approved != 'yes' AND Teach.Year = '2018' GROUP BY (Classroom.RmID);

SELECT Staff.StaffID, Staff.FirstName, Staff.LastName, Department.DeptName FROM Staff LEFT JOIN Department ON Staff.DeptID = Department.DeptID LEFT JOIN Allocation ON Staff.StaffID = Allocation.StaffID WHERE Allocation.StaffID IS NULL GROUP BY (Staff.StaffID);

SELECT Staff.StaffID, Staff.Title, Staff.FirstName, Staff.LastName, Department.DeptName FROM Staff LEFT JOIN Department ON Staff.DeptID = Department.DeptID LEFT JOIN Teach ON Staff.StaffID = Teach.StaffID WHERE Staff.LeftD > '2017-12-31' AND Teach.Year != '2019' AND Staff.ContactType = 'full time' GROUP BY (Staff.StaffID);

SELECT Activity.AcID,Activity.Title,Campus.Address,Budget.Amount,Activity.Status,Staff.FirstName,Staff.LastName FROM Activity LEFT JOIN Campus ON Activity.CaID = Campus.CaID LEFT JOIN Budget ON Activity.BuID = Budget.BuID LEFT JOIN Allocation ON Activity.AcID = Allocation.AcID LEFT JOIN Staff ON Allocation.StaffID = Staff.StaffID LEFT JOIN Teach ON Staff.StaffID = Teach.StaffID WHERE Teach.Year = '2019' AND Activity.Internal = '1' GROUP BY (Activity.AcID) HAVING COUNT(Teach.StaffID) >= 2 AND COUNT(Staff.StaffID = Staff.SupervisorID) > 1;

SELECT Activity.Title, COUNT(Staff.StaffID) AS 'Staff Associated' FROM Activity LEFT JOIN Allocation ON Activity.AcID = Allocation.AcID LEFT JOIN Staff ON Allocation.StaffID = Staff.StaffID LEFT JOIN Budget ON Activity.BuID = Budget.BuID WHERE Staff.Current = '1' AND Activity.Ended > CURRENT\_DATE AND Budget.Amount > 300 GROUP BY (Activity.AcID) HAVING COUNT(Staff.StaffID) >=2 ;

SELECT Staff.StaffID, Staff.FirstName, Staff.LastName, Activity.Title, Budget.Amount, Activity.Status FROM Staff LEFT JOIN Allocation ON Staff.StaffID = Allocation.StaffID LEFT JOIN Activity ON Allocation.AcID = Activity.AcID LEFT JOIN Budget ON Activity.BuID = Budget.BuID LEFT JOIN Campus ON Staff.CaID = Campus.CaID WHERE Staff.ContactType = 'FULL TIME' AND Staff.Joined < '2017-01-01' AND Staff.LeftD > '2017-12-31' AND Campus.Address LIKE '%BELFAST' GROUP BY (Staff.StaffID);

SELECT Staff.StaffID, Staff.FirstName, Staff.LastName , COUNT(SpaceAssign.RmID) AS 'Classroom# Used' FROM Staff LEFT JOIN Teach ON Staff.StaffID = Teach.StaffID LEFT JOIN SpaceAssign ON Teach.SpaID = SpaceAssign.SpaID WHERE Teach.TID != 'NULL' AND (Teach.YEAR = '2018' OR '2019') GROUP BY (Staff.StaffID);

SELECT Classroom.RmID AS 'Room ID', Classroom.Capacity, Classroom.Location FROM Classroom LEFT JOIN Campus ON Classroom.CaID = Campus.CaID LEFT JOIN SpaceAssign ON Classroom.RmID = SpaceAssign.RmID LEFT JOIN Teach ON SpaceAssign.TID = Teach.TID WHERE Campus.Address LIKE '%belfast' AND Classroom.Type = 'classroom' AND SpaceAssign.Approved != 'yes' AND Teach.Year = '2018' GROUP BY (Classroom.RmID);