**School Administrator:**

***Student Academic Performance:***

**Query-1:**

--Query to fetch the average student grade in each course for each grade type

This query will fetch the average student grade in each course for each grade type like Final exam, First semester etc.

SELECT c.CourseID,

c.CourseTitle,

d.GradeType,

AVG(b.NumericGrade) 'Average Student Numerical Grade'

FROM factStudentCourse a

JOIN factStudentCourseGrade b

ON a.StudentCourseID = b.StudentCourseID

JOIN dimCourse c

ON a.CourseID = c.CourseID

JOIN dimGradeType d

ON d.GradeTypeID = b.GradeTypeID

GROUP BY c.CourseID,c.CourseTitle,d.GradeType

ORDER BY c.CourseID,d.GradeType;

**Query-2:**

--Query to fetch the average student grade in each subject

This query is to fetch the average student grades in each subject. This is done by taking the average student grade in first and second semester and then taking the average of both semesters.

SELECT SubjectID,

SubjectName,

AVG(AverageGrade) 'Average Student Numerical Grade'

FROM(

SELECT e.SubjectID SubjectID,

e.SubjectName SubjectName,

d.GradeType GradeType,

AVG(b.NumericGrade) AverageGrade

FROM factStudentCourse a

JOIN factStudentCourseGrade b

ON a.StudentCourseID = b.StudentCourseID

JOIN dimCourse c

ON a.CourseID = c.CourseID

JOIN dimGradeType d

ON d.GradeTypeID = b.GradeTypeID

JOIN dimSubject e

ON c.SubjectID = e.SubjectID

WHERE b.GradeTypeID IN(5,11)

GROUP BY e.SubjectID,e.SubjectName,d.GradeType

) AS Main

GROUP BY SubjectID, SubjectName

ORDER BY SubjectID;

**Query-3:**

--Query to fetch Top N students under specific facility

This will fetch the top N students under specific facility like Middle School, High School etc.

SELECT DISTINCT TOP 5 s.StudentFirstName, scg.NumericGrade

FROM [dbo].[dimStudent] s

JOIN [dbo].[dimFacility] f

ON f.FacilityID = s.FacilityID

JOIN [dbo].[factStudentCourse] sc

ON sc.StudentID = s.StudentID

JOIN [dbo].[factStudentCourseGrade] scg

ON scg.StudentCourseID = sc.StudentCourseID

JOIN [dbo].[dimGradeType] gt

ON scg.GradeTypeID = gt.GradeTypeID

WHERE gt.GradeType = 'First Semester' AND f.FacilityName = 'Contoso Elementary'

ORDER BY scg.NumericGrade DESC;

**Query-4:**

--Query to fetch Top N students for specific grade (1st, 2nd class) for particular facility

This query will fetch the top N students a particular grade for particular facility.

select distinct top 5 s.StudentFirstName,e.NumericGrade from dimStudent s

join factStudentCourse b

on b.StudentID=s.StudentID

join factStudentCourseGrade e

on b.StudentCourseID=e.StudentCourseID

join dimFacility c

on c.FacilityID=b.FacilityID where b.GradeLevel='09' and c.FacilityName='Contoso High School'

order by e.NumericGrade desc;

**Query-5:**

--Query to rank the staff under each facility for each course

This query is to rank the staff for each course in each facility. In a facility two staff may be teaching a course.So depending on the student performance under that staff we will rank the staff.

SELECT sc.FacilityID,

f.FacilityName,

sc.CourseID,

CourseTitle,

s.StaffName,

AVG(NumericGrade) AS 'Average Stdent Performance',

DENSE\_RANK() OVER(PARTITION BY sc.CourseID ORDER BY AVG(NumericGrade) DESC) AS Rank

FROM [dbo].[dimCourse] c

JOIN [dbo].[factStudentCourse] sc ON c.CourseID = sc.CourseID

JOIN [dbo].[dimStaff] s ON s.StaffID = sc.StaffID

JOIN [dbo].[factStudentCourseGrade] scg ON sc.StudentCourseID = scg.StudentCourseID

JOIN [dbo].[dimFacility] f ON sc.FacilityID = f.FacilityID

GROUP BY sc.FacilityID,f.FacilityName,CourseTitle,sc.CourseID,s.StaffName

ORDER BY sc.CourseID;

***Student Absences:***

**Query-1:**

--Query to fetch the target student attendance percentage for each facility

This query will fetch the student attendance percentage for each facility.

SELECT b.FacilityID,b.FacilityName,a.TargetStudentAttendancePct

FROM factSchoolKPI a

JOIN dimFacility b

ON a.FacilityID=b.FacilityID;

**Query-2:**

--Query to fetch the absence counts for each facility in each year

This query will fetch the total student absence count for each year in each facility.

SELECT YEAR(a.AbsenceDate) AcademicYear,a.FacilityID,b.FacilityName,COUNT(\*) 'Absence Count'

FROM factAbsence a

JOIN dimFacility b

ON a.FacilityID = b.FacilityID

GROUP BY a.FacilityID,b.FacilityName,YEAR(a.AbsenceDate)

ORDER BY AcademicYear,a.FacilityID;

**Query-3:**

--Query to fetch the number of students absent on a particular date for each facility

This query will fetch the absence count on a particular date across facilities.

SELECT a.FacilityID,b.FacilityName,COUNT(\*) 'Absence Count'

FROM factAbsence a

JOIN dimFacility b

ON a.FacilityID = b.FacilityID

WHERE a.AbsenceDate='2007-09-06 00:00:00.000'

GROUP BY a.FacilityID,b.FacilityName

ORDER BY a.FacilityID;

***Student Misbehavior and Discipline:***

**Query-1:**

--Query to fetch the misbehavior counts for each facility

This query will fetch the misbehavior counts for each facility.

SELECT YEAR(a.EventDate) AcademicYear,EventFacilityID FacilityID,b.FacilityName, COUNT(\*) 'Student Count'

FROM factDiscipline a

JOIN dimFacility b ON a.EventFacilityID = b.FacilityID

GROUP BY a.EventFacilityID,b.FacilityName,YEAR(a.EventDate)

ORDER BY AcademicYear,a.EventFacilityID;

**Query-2:**

--Query to fetch the misbehavior counts for each facility under event code (misbehavior type)

This query will fetch the count of students who did misbehave according to each misbehavior category under each facility.

SELECT EventFacilityID FacilityID,b.FacilityName,a.DisciplineEventCodeID,c.DisciplineEventDesc, COUNT(\*) 'Student Count'

FROM factDiscipline a

JOIN dimFacility b ON a.EventFacilityID = b.FacilityID

JOIN dimDisciplineEventCode c ON a.DisciplineEventCodeID = c.DisciplineEventCodeID

GROUP BY a.EventFacilityID,b.FacilityName,a.DisciplineEventCodeID,c.DisciplineEventDesc

ORDER BY a.EventFacilityID;

**Query-3:**

--Query to fetch the number of students misbehaved date-wise (Event date)

This query will fetch the misbehavior count on a specific date.

SELECT b.EventDate,COUNT(a.StudentID) StudentCount

FROM dimStudent a

JOIN factDiscipline b

ON a.StudentID = b.StudentID

GROUP BY b.EventDate;

**Query-4:**

--Query to fetch the number of students on whom action taken date-wise (Action date)

This query will fetch the count of students on whom action is taken on a specific date.

SELECT b.ActionDate,COUNT(a.StudentID) StudentCount

FROM dimStudent a

JOIN factDiscipline b

ON a.StudentID = b.StudentID

GROUP BY b.ActionDate;

**Query-5:**

--Query to fetch students who haven’t misbehaved

This query will fetch the students who haven’t misbehaved.

SELECT a.StudentID, a.StudentName

FROM dimStudent a

WHERE a.StudentID NOT IN

(SELECT DISTINCT b.studentid FROM factDiscipline b )

***Special Needs Program:***

**Query-1:**

--Query to fetch the number of students under each special program

This query fetches the count of students enrolled for each special program.

select a.ProgramID,b.Program,count(\*) 'Student Count' from factSpecialProgram a

JOIN dimSpecialProgram b

ON a.ProgramID = b.ProgramID

GROUP BY a.ProgramID,b.Program;

***Overall:***

**Query-1:**

--Query to fetch the staff working for a particular facility

This query will fetch the staff working for a particular facility.

select b.StaffID,StaffName,b.GradeLevel,Facility from dimFacility a

join dimStaff b

on a.FacilityID=b.PrimaryFacilityID

where Facility='Contoso High School';

**Query-2:**

--Query to fetch number of student enrollments on a particular date

This query will fetch the number of students enrolled on a particular date.

select EnrollmentDate,count(\*) as numberofstudentenrollments

from factStudentCourse

where EnrollmentDate='2007-07-01 00:00:00.000'

group by EnrollmentDate;

**Query-3:**

--Query to fetch target enrollment count for each facility

This query will fetch the target enrollment count for each facility.

select Facility,TargetEnrollmentCount

from dimFacility a

join factSchoolKPI b

on a.FacilityID=b.FacilityID;

**Query-4:**

--Query to fetch number of students in each course (to find popular course)

This query will fetch the number of students in each course. This will help School Administrator to identify the popular course.

select b.CourseID,c.CourseTitle,count(\*) StudentCount

from dimStudent a

join factStudentCourse b

on a.StudentID=b.StudentID

join dimCourse c

on b.CourseID=c.CourseID

group by b.CourseID,c.CourseTitle

Order by StudentCount DESC;

**Query-5:**

--Query to rank the student enrollment count each year

This query will fetch the number of students enrolled each year.

select year(b.EnrollmentDate) as YearofEnrollment, count(\*) as noofstudentsenrolled,RANK()OVER (ORDER BY count(\*) desc) as Ranking

from dimStudent a

join factStudentCourse b

on a.StudentID=b.StudentID

group by year(b.EnrollmentDate);

**Query-6:**

--Query to fetch the staff under each facility

This query will fetch the staff details working under each facility.

SELECT b.FacilityID,b.FacilityName,a.StaffID,a.StaffName

FROM dimStaff a

JOIN dimFacility b

ON a.PrimaryFacilityID = b.FacilityID;

**Query-7:**

--Query to fetch the courses under each specific staff

This query will fetch the courses taken by a particular staff.

select distinct StaffName ,b.CourseID, CourseTitle

from dimStaff a

join factStudentCourse b

on a.StaffID=b.StaffID

join dimCourse c

on c.CourseID=b.CourseID

where StaffName='Lisa Andrews';

**Query-8:**

--Query to fetch average student performance for each course for each staff

This query will fetch the average student performance for all the courses a staff is teaching. It fetches the results for all the staff.

SELECT s.StaffName,sc.CourseID,CourseTitle,AVG(NumericGrade) AS 'Average grade'

FROM [dbo].[dimCourse] c

JOIN [dbo].[factStudentCourse] sc

ON c.CourseID = sc.CourseID

JOIN [dbo].[dimStaff] s

ON s.StaffID = sc.StaffID

JOIN [dbo].[factStudentCourseGrade] scg

ON sc.StudentCourseID = scg.StudentCourseID

GROUP BY s.StaffName,CourseTitle,sc.CourseID

ORDER BY s.StaffName,sc.CourseID;

**Teacher:**

***Student Academic Performance:***

**Query-1:**

--Query to fetch the number of students getting highest grade for each grade type

This query will fetch the number of students scoring highest grade at each specific grade type (like Final exam, 1st semester etc.) for each course.

select a.StaffID, sc.CourseID,CourseTitle,GradeType, count(StudentID) as 'Number of Students with A grade' from [dbo].[dimCourse] c

join[dbo].[factStudentCourse] sc on c.CourseID= sc.CourseID

join [dbo].[factStudentCourseGrade] scg on sc.StudentCourseID=scg.StudentCourseID

join [dbo].[dimGradeType] gt on scg.GradeTypeID=gt.GradeTypeID

join dbo.dimStaff a on sc.StaffID=a.StaffID

where scg.AlphaGrade ='A' and a.StaffID='62'

group by c.CourseTitle,sc.CourseID, gt.GradeType,a.StaffID

order by sc.CourseID;

**Query-2:**

--Rank the students based on their course grade in each course in each grade type

This query will rank the students as per Alpha grade in each course in each grade type.

SELECT st.StaffName,sc.CourseID,c.CourseTitle,gt.GradeType,s.StudentName,scg.AlphaGrade,DENSE\_RANK() OVER(ORDER BY scg.AlphaGrade ASC) AS Ranking

FROM [dbo].[dimCourse] c

JOIN [dbo].[factStudentCourse] sc ON c.CourseID = sc.CourseID

JOIN [dbo].[dimStaff] st ON st.StaffID = sc.StaffID

JOIN [dbo].[dimStudent] s ON s.StudentID = sc.StudentID

JOIN [dbo].[factStudentCourseGrade] scg ON sc.StudentCourseID = scg.StudentCourseID

JOIN [dbo].[dimGradeType] gt ON scg.GradeTypeID = gt.GradeTypeID

WHERE st.StaffID = 9

GROUP BY st.StaffName,c.CourseTitle,sc.CourseID,s.StudentName,scg.AlphaGrade,gt.GradeType

ORDER BY sc.CourseID,gt.GradeType,scg.AlphaGrade;

**Query-3:**

--Query to fetch the average student performance in each course he is teaching

This query is to fetch the average student performance of all courses a staff is teaching.

select sc.CourseID,CourseTitle,Avg(NumericGrade) as'Average grade'

from [dbo].[dimCourse] c

join[dbo].[factStudentCourse] sc on c.CourseID= sc.CourseID

join [dbo].[dimStaff] s on s.StaffID = sc.StaffID

join [dbo].[factStudentCourseGrade] scg on sc.StudentCourseID= scg.StudentCourseID where s.StaffName ='David Alexander'

group by CourseTitle,sc.CourseID;

**Query-4:**

--Query to fetch the count of each grade for each course he is teaching for first and second semester

This query fetch the count of each grade for each course under each grade type under David Alexander (For example: no of A in his course)

select StaffName,sc.CourseID,CourseTitle,gt.GradeType,scg.AlphaGrade,count(\*) StudentCount from [dbo].[dimCourse] c

join[dbo].[factStudentCourse] sc on c.CourseID= sc.CourseID

join [dbo].[dimStaff] s on s.StaffID = sc.StaffID

join [dbo].[factStudentCourseGrade] scg on sc.StudentCourseID= scg.StudentCourseID

join [dbo].[dimGradeType] gt on scg.GradeTypeID=gt.GradeTypeID

where StaffName= 'David Alexander' AND gt.GradeTypeID IN(5,11)

group by sc.CourseID,CourseTitle,scg.AlphaGrade,gt.GradeType,StaffName

order by sc.CourseID,gt.GradeType;

**Query-5:**

-- Query to fetch the Top 10 students based on their grade for specific grade type for a specific course

This query fetch the fetch the Top 10 students based on their grade for specific grade type for a specific course.

SELECT TOP 10 s.StudentFirstName,c.CourseTitle,scg.NumericGrade,st.StaffName

FROM [dbo].[dimCourse] c

JOIN [dbo].[factStudentCourse] sc

ON c.CourseID = sc.CourseID

JOIN [dbo].[dimStaff] st

ON st.StaffID = sc.StaffID

JOIN [dbo].[dimStudent] s

ON s.StudentID = sc.StudentID

JOIN [dbo].[factStudentCourseGrade] scg

ON sc.StudentCourseID = scg.StudentCourseID

JOIN [dbo].[dimGradeType] gt

ON scg.GradeTypeID = gt.GradeTypeID

WHERE st.StaffID = 9

AND c.CourseTitle = '9TH GRD STUDY SKILLS'

AND gt.GradeType = 'First Semester'

ORDER BY scg.NumericGrade DESC;

**Query-6:**

-- Query to fetch the Bottom 10 students based on their grade for specific grade type for a specific course

This query fetch the fetch the Bottom 10 students based on their grade for specific grade type for a specific course

SELECT TOP 10 s.StudentFirstName,c.CourseTitle,scg.NumericGrade,st.StaffName

FROM [dbo].[dimCourse] c

JOIN [dbo].[factStudentCourse] sc

ON c.CourseID = sc.CourseID

JOIN [dbo].[dimStaff] st

ON st.StaffID = sc.StaffID

JOIN [dbo].[dimStudent] s

ON s.StudentID = sc.StudentID

JOIN [dbo].[factStudentCourseGrade] scg

ON sc.StudentCourseID = scg.StudentCourseID

JOIN [dbo].[dimGradeType] gt

ON scg.GradeTypeID = gt.GradeTypeID

WHERE st.StaffID = 9

AND c.CourseTitle = '9TH GRD STUDY SKILLS'

AND gt.GradeType = 'First Semester'

ORDER BY scg.NumericGrade

***Student Absences:***

**Query-1:**

--Query to fetch the number of students absent for his course

This query will fetch the number of students absent for the courses he is teaching.

select StaffName,sc.CourseID,c.CourseTitle, count(\*)as NoofStudentsAbsent

from [dbo].[factAbsence] a

join[dbo].[factStudentCourse] sc on a.StudentID= sc.StudentID

join [dbo].[dimCourse] c on sc.CourseID= c.CourseID

join [dbo].[dimStaff] s on s.StaffID = sc.StaffID

where StaffName = 'David Alexander'

group by sc.CourseID,c.CourseTitle,StaffName

order by NoofStudentsAbsent desc;

**Query-2:**

--Query to fetch the number of students absent in a period interval for each absent Code ID (absence type)

This query will fetch the absent count in a time interval in each absence category.

SELECT ab.AbsenceCodeID,ab.AbsenceCodeDesc,COUNT(fa.StudentID) NoofStudentsAbsent,fa.AbsenceDate

FROM [dbo].[factAbsence] AS fa

JOIN dbo.dimStaff AS a

ON a.StaffID = fa.StaffID

JOIN dbo.dimAbsenceCode AS ab

ON fa.AbsenceCodeID = ab.AbsenceCodeID

WHERE fa.[AbsenceDate] IN('2007-11-01 00:00:00.000', '2007-11-10 00:00:00.000') AND a.StaffID = '62'

GROUP BY ab.AbsenceCodeID,ab.AbsenceCodeDesc,fa.AbsenceDate;

**Query-3:**

--Query to fetch the students absent for unexcused reasons under a particular staff

This query will fetch the students absent for unexcused reasons under a particular staff.

SELECT StaffName, s.StudentID,StudentName

FROM [dbo].[dimStudent] s

JOIN [dbo].[factAbsence] fa ON s.StudentID = fa.StudentID

JOIN [dbo].[dimStaff] st ON fa.StaffID = st.StaffID

JOIN [dbo].[dimAbsenceCode] ac ON fa.AbsenceCodeID = ac.[AbsenceCodeID]

WHERE ac.[Unexcused] = 'Y'AND st.StaffID = 9

GROUP BY s.StudentID,StudentName,StaffName;

***Student Misbehavior and Discipline:***

**Query-1:**

--Query to fetch the number of students reported by a particular staff in each course he is teaching

This query will fetch the number of students reported by a specific staff in each course he is teaching.

SELECT s.StaffName,sc.CourseID,c.CourseTitle,COUNT(fd.StudentID) NumberofStudents

FROM dbo.factDiscipline fd

join[dbo].[factStudentCourse] sc on fd.StudentID= sc.StudentID

join [dbo].[dimCourse] c on sc.CourseID= c.CourseID

JOIN [dbo].[dimStaff] s

ON fd.EventReportingStaffID = s.StaffID

JOIN [dbo].[dimDisciplineEventCode] dac

ON fd.DisciplineEventCodeID = dac.DisciplineEventCodeID

WHERE fd.EventReportingStaffID=6

GROUP BY s.StaffName,sc.CourseID,c.CourseTitle

ORDER BY NumberofStudents DESC;

**Query-2:**

--Query to fetch the number of students on whom action taken under each action code (action type)

This query will fetch the student count under each action category.

SELECT ab.staffid,a.DisciplineActionDesc,COUNT(b.StudentID) AS StudentCount

FROM dimDisciplineActionCode a

JOIN factDiscipline b

ON b.DisciplineActionCodeID = a.DisciplineActionCodeID

join dimStaff ab on ab.StaffID=b.ActionStaffID

where ab.StaffID='1'

GROUP BY a.DisciplineActionDesc,ab.StaffID;

**Query-3:**

--Query to fetch details of students misbehaving in a particular discipline event (cheating on test) in all courses under the particular staff (X is teaching Sub A and Sub B and he wants to know the students who cheated)

This query will fetch all the students misbehaving in a particular category under a particular staff.

SELECT a.StudentID,A.StudentName

FROM dimStudent a

JOIN factDiscipline b

ON a.StudentID = b.StudentID

JOIN dimStaff c

ON c.StaffID = b.ActionStaffID

JOIN dimDisciplineEventCode d

ON d.DisciplineEventCodeID = b.DisciplineEventCodeID

WHERE StaffName = 'TAI LEE' AND DisciplineEventDesc = 'DRESS CODE VIOLATIONS';

**Parent:**

***Student Academic Performance:***

**Query-1:**

--Query to fetch the course grade of a specific student for each course at a specific grade type

This query will fetch the course grade of a specific student for each course for specific grade type (1st semester/2nd semester)

select b.CourseID,d.CourseTitle,a.NumericGrade from factStudentCourseGrade a

join factStudentCourse b

on a.StudentCourseID=b.StudentCourseID

join dimGradeType c

on a.GradeTypeID=c.GradeTypeID

Join dimCourse d

ON d.CourseID = b.CourseID

where GradeType='Second Semester' and b.StudentID='48';

**Query-2:**

--Query to fetch the staff details for each course of a specific student

This query will fetch the staff details for each course of a particular student.

select StudentID,a.StaffID,StaffName,b.GradeLevel

from Schools\_K12\_DW.dbo.dimStaff as a

join factStudentCourse as b

on a.StaffID= b.StaffID

where StudentID='48';

**Query-3:**

--Query to fetch the student performance of a particular student in various years

This query is used by the parent to see his child’s performance each year. This is used for performance measurement analysis.

SELECT e.SchoolYear,AVG(a.NumericGrade) 'Yearly Perforamnce'

FROM factStudentCourseGrade a

JOIN factStudentCourse b

ON a.StudentCourseID = b.StudentCourseID

JOIN dimStudent e

ON b.StudentID = e.StudentID

WHERE a.GradeTypeID =11 AND e.StudentName='Kim Abercrombie'

GROUP BY SchoolYear;

**Query-4:**

-- Query to fetch the courses in which a student scored well

This query will fetch the courses in which he scored well.

SELECT a.StudentID,a.StudentName,d.CourseTitle,c.AlphaGrade

FROM dimStudent a

JOIN factStudentCourse b ON b.StudentID = a.StudentID

JOIN factStudentCourseGrade c ON c.StudentCourseID = b.StudentCourseID

JOIN dimCourse d ON b.CourseID = d.CourseID

WHERE a.StudentID = '1' AND c.AlphaGrade = 'A'

GROUP BY c.AlphaGrade,a.StudentID,a.StudentName,d.CourseTitle;

**Query-5:**

-- Query to fetch the courses in which a student scored less (failed)

This query will fetch the courses in which he scored less (failed).

SELECT a.StudentID,a.StudentName,d.CourseTitle,c.AlphaGrade

FROM dimStudent a

JOIN factStudentCourse b ON b.StudentID = a.StudentID

JOIN factStudentCourseGrade c ON c.StudentCourseID = b.StudentCourseID

JOIN dimCourse d ON b.CourseID = d.CourseID

WHERE a.StudentID = '1' AND c.AlphaGrade = 'F'

GROUP BY c.AlphaGrade,a.StudentID,a.StudentName,d.CourseTitle;

***Student Absences:***

**Query-1:**

-- Query to fetch the absence date and under which staff the student was absent of a specific student.

This query will fetch the absence date and under which staff the student was absent of a specific student.

select StudentID,staffid,absencedate from factAbsence

where StudentID='48'

order by StaffID,AbsenceDate,StudentID;

**Query-2:**

--Query to fetch the absence types (categories) of a specific student

This query will fetch the absence categories of a specific student.

SELECT AbsenceCodeDesc

FROM dimAbsenceCode a

JOIN factAbsence b

ON a.AbsenceCodeID = b.AbsenceCodeID

WHERE StudentID = '1660';

**Query-3:**

--Query to fetch the absent counts (number of absent days) of a specific student

This query will fetch the absent counts (number of absent days) of a specific student.

SELECT COUNT(AbsenceCount) AS numberofdaysabsent

FROM factAbsence a

WHERE StudentID = '1660';

***Student Misbehavior and Discipline:***

**Query-1:**

--Query to fetch the misbehavior details of a specific student

This query will fetch the misbehavior details of a specific student.

SELECT StudentID,b.DisciplineActionCodeID,DisciplineActionDesc,a.DisciplineEventCodeID,DisciplineEventDesc,ActionDate

FROM factDiscipline a

JOIN dimDisciplineActionCode b

ON a.DisciplineActionCodeID = b.DisciplineActionCodeID

JOIN dimDisciplineEventCode c

ON c.DisciplineEventCodeID = a.DisciplineEventCodeID

WHERE StudentID = '1'

ORDER BY StudentID,DisciplineActionDesc,DisciplineEventDesc;

***Special Needs Program:***

**Query-1:**

--Query to fetch the special program details of a specific student enrolled to

This query will fetch the special program details for which a specific student is enrolled to.

SELECT StudentID,a.ProgramID,programcode,Program,EntryDate

FROM factSpecialProgram a

JOIN dimSpecialProgram

ON a.ProgramID = dimSpecialProgram.ProgramID

WHERE StudentID = '32';

***Overall:***

**Query-1:**

--Query to fetch the courses and respective professors of a specific student

This query will fetch the courses and staff details of a particular student.

SELECT a.StudentID,a.CourseID,b.CourseTitle,a.StaffID,c.StaffName

FROM factStudentCourse a

JOIN dimCourse b

ON a.CourseID = b.CourseID

JOIN dimStaff c

ON a.StaffID = c.StaffID

WHERE a.StudentID = 12;