

– Get the **Average** Mark for each Coursework, where Average is greater than or equal to **75**.

```
SELECT CourseworkID, AVG(Mark) AS AvgMark
FROM STUDENTDOESCOURSEWORK
INNER JOIN COURSEWORK
    ON STUDENTDOESCOURSEWORK.CourseworkID = COURSEWORK.CourseworkID
GROUP BY COURSEWORKID
HAVING AVG(Mark) >= 75;
```

– Get the Students who exceeded **80+** on the Coursework **1700**, displayed in Descending Order.

```
SELECT StudentID, FirstName, LastName, Mark
FROM STUDENTDOESCOURSEWORK
INNER JOIN STUDENT
    ON STUDENTDOESCOURSEWORK.StudentID = STUDENT.StudentID
WHERE CourseworkID = 1700 AND Mark >= 80
ORDER BY Mark DESC;
```

– Get the **Count** of Students taking their **Exam**, for the (First Time).

```
SELECT ExamID, COUNT(*) AS FirstAttemptCount
FROM STUDENTTAKESEXAM
WHERE Attempt = 1
GROUP BY ExamID;
```

– Get the Students **enrolled** in the module ‘Database Systems’, from **2019** to **2020**.

```
SELECT StudentID, FirstName, LastName
FROM STUDENTENROLSSUBJECT
LEFT JOIN STUDENT
    ON STUDENTENROLSSUBJECT.StudentID = STUDENT.StudentID
WHERE SubjectName = 'Database Systems' AND Year BETWEEN 2019 AND 2020;
```

– Get the **Maximum** Mark on each **Coursework** for each **Module**, taught in Semester **A**.

```
SELECT SubjectName, CourseworkID, MAX(Mark) AS MaxMark
FROM SUBJECT
INNER JOIN STUDENTDOESCOURSEWORK
    ON SUBJECT.SubjectID = STUDENTDOESCOURSEWORK.SubjectID
GROUP BY CourseworkID, SubjectName
WHERE Semester = 'A';
```

- Get the Coursework Marks for **Rohaans Schmitt**, displayed in Descending Order, showing whether his **Marks** are 'Excellent', 'Good', 'Satisfactory', or 'Bad'.

```
CREATE VIEW Rohaans_CourseworkMarks AS
SELECT StudentID, FirstName, LastName,
CASE
    WHEN MARK >= 70 THEN 'Excellent'
    WHEN MARK BETWEEN 60 AND 69 THEN 'Good'
    WHEN MARK BETWEEN 55 AND 59 THEN 'Satisfactory'
    ELSE 'Bad'
END AS Grade
FROM STUDENTDOESCOURSEWORK
INNER JOIN STUDENT
    ON STUDENTDOESCOURSEWORK.StudentID = STUDENT.StudentID
WHERE StudentID = 20739
ORDER BY Mark DESC;
```

- Display **Yassin Houston's** Exams.

```
CREATE VIEW YassinsExams AS
SELECT ExamID, Attempt, ExamName, ExamDate
FROM STUDENTTAKESEXAM
INNER JOIN EXAM
    ON STUDENTTAKESEXAM.ExamID = EXAM.ExamID
WHERE StudentID = 19739
ORDER BY ExamDate;
```

– Display the **Exams in May**.

```
CREATE VIEW MayExams AS
SELECT *
FROM EXAM
WHERE EXAMDATE BETWEEN '01-05-20' AND '31-05-20';
```

– Get the **Exams set by Felix Cuadrado**.

```
CREATE VIEW ExamsByFelix AS
SELECT LecturerID, LecFName, LecLName, ExamID, ExamName
FROM LECTURERSETSEXAM
INNER JOIN EXAM
    ON LECTURERSETSEXAM.ExamID = EXAM.ExamID
INNER JOIN LECTURER
    ON LECTURERSETSEXAM.LecturerID = LECTURER.LecturerID
WHERE LecturerID = 3500;
```

– Get the **Count of Exams** set by each **Lecturer**, displayed in Descending Order.

```
CREATE VIEW ExamsByLecturersCount AS
SELECT LecturerID, LecFName, LecLName, COUNT(*) AS ExamCount
FROM LECTURERSETSEXAM
INNER JOIN EXAM
    ON LECTURERSETSEXAM.ExamID = EXAM.ExamID
INNER JOIN LECTURER
```

```
        ON LECTURERSETSEXAM.LecturerID = LECTURER.LecturerID  
GROUP BY LecturerID, LecFName, LecLName  
ORDER BY COUNT(*) DESC;
```