


```
157
158 • select s.StudentID , concat(s.FirstName , ' ' , s.LastName) AS StudentName , c.CourseID , c.CourseName ,
159      from Students s
160      join Enrollments e on s.StudentID = s.StudentID
161      join Courses c on e.CourseID = c.CourseID
162      order by s.StudentID ;
```



Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	StudentID	StudentName	CourseID	CourseName	EnrollmentDate
▶	2	Jane Smith	102	Data Structures	2021-08-01

```

149
150 • SELECT d.DepartmentID, d.DepartmentName, COUNT(DISTINCT e.StudentID) AS StudentsInDept
151 FROM Departments d
152 JOIN Courses c ON d.DepartmentID = c.DepartmentID
153 LEFT JOIN Enrollments e ON c.CourseID = e.CourseID
154 GROUP BY d.DepartmentID, d.DepartmentName;

```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	DepartmentID	DepartmentName	StudentsInDept
▶	2	Mathematics	1

128 ## Q - 7

129

130 `select avg(Credits) AS AVGCredits from Courses ;`

131

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	AVGCredits
▶	3.5000

```
123
124 • select distinct s.StudentID , FirstName , LastName from Students s
125      join Enrollments e on s.StudentID = e.StudentID
126      where e.CourseID in (101,102) ;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:

	StudentID	FirstName	LastName
▶	2	Jane	Smith

```
110 • SELECT s.StudentID, s.FirstName, s.LastName
111 FROM Students s
112 WHERE EXISTS (
113     SELECT 1 FROM Enrollments e1
114     WHERE e1.StudentID = s.StudentID AND e1.CourseID = 101
```

Result Grid



Filter Rows:

Edit:



Export/Import:



Wrap C

	StudentID	FirstName	LastName
*	NULL	NULL	NULL

```
101
102 • select c.CourseID , c.CourseName , count(e.StudentID) AS NumStudents
103 from Courses c
104 left join Enrollments e on c.CourseID = e.CourseID
105 group by c.CourseID , c.CourseName
106 having count(e.StudentID) > 5 ;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	CourseID	CourseName	NumStudents
--	----------	------------	-------------

```
98 • select * from Courses where DepartmentID = (select DepartmentID from Departments where DepartmentName = 'Ma
99
100 ## Q - 4
```

Result Grid   Filter Rows: | Edit:    | Export/Import:   | Wrap Cell Content: 

	CourseID	CourseName	DepartmentID	Credits
*	NULL	NULL	NULL	NULL

8/

```
88 • select * from Enrollments ;  
89 • update Enrollments set StudentID = 5 where EnrollmentID = 1 ;  
90 • delete from Enrollments where EnrollmentID = 1;
```

Result Grid   Filter Rows: Edit:    Export/Import:   Wrap Cell Content:

	EnrollmentID	StudentID	CourseID	EnrollmentDate
▶	2	2	102	2021-08-01
✱	NULL	NULL	NULL	NULL