

## Assignments Projects Exam Help

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#### **Simple SQL Queries**

# Assignment has the following basic form:

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[ORDER BY attribute\_list];

### Note and entertain edu\_assist\_pr

- The symbol \* means all the attributes.
- Attribute names may be qualified with the table name (required, if attribute-names are not unique).
- Attribute and table names can be given an alias.
- DISTINCT is used for removing duplicate tuples in the query result.



#### SQL Queries – Select Clause

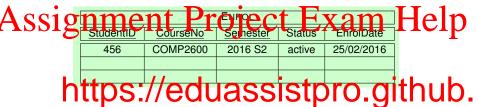
Assignment Project Exam Help ENROL

https://eduassistpro.github.

SELEC	CT * FROM E	Enrol; CourseNo	hat e	du	_ass	ist_	_pr
	456	COMP2600	2016 S2	active	25/02/2016		
	458	COMP1130	2016 S1	active	25/02/2016		
	456	COMP2400	2016 S2	active	09/03/2016		



#### **SQL Queries – Select Clause**



SELECT ENROL.StudentID, Semester FROM ENROL;

SELECT CLStride at Dras and he. Semester FROM SELECT DISTINCT StudentID. Semester FROM \_\_\_\_ assist\_\_pr

StudentID	Semester
456	2016 S2
458	2016 S1
456	2016 S2

SID	Semester
456	2016 S2
458	2016 S1
456	2016 S2

StudentID	Semester
456	2016 S2
458	2016 S1



#### **SQL Queries – Where Clause**

### Assignment Project Exam Help

• if multiple relations are specified in the FROM-clause without join

e careful).

†https://eduassistpro.github.

SELECT \* FROM STUDENT WHERE Stu ASSIST PISSELECT \* FROM STUDENT WHERE STUDENT SELECT \* FROM STUDENT WHERE EMA

- Question: Assume that we have 1000 tuples in STUDENT and 100 tuples in COURSE. How many tuples we will have in the results of the first two queries?
- Answer: 1st query result: 1000 tuples; 2nd query result: 100000 tuples.



# Assignment Project Exam Help attribute list groups tuples for each value combination in the attribute list.

- ttps://eduassistpro.github.
  - AVG returns the average of argument valu

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- MAX returns the maximum value of the argu
- SUM returns the sum of the argument values
- We can use HAVING condition to add the condition on the groups.



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The query result may look like:

COUNT	SUM	MIN
3	16	4



## Assistants who have enrolled in the curse

# https://eduassistpro.github.

GROUP BY e.CourseNo;

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Studentib	Courseivo	Serile		
458	COMP2400	2016 S2	active	25/02/2016
458	COMP1130	2016 S1	active	25/02/2016
456	COMP2400	2016 S2	active	25/02/2016



## Assistant to repet dir sense exist togethe with in number of p students who have enrolled in the course

# https://eduassistpro.github.

The query result may look like; hat edu\_assist\_pr

Courseivo	Num
COMP2400	120
COMP2600	100
COMP1130	150



#### **SQL Queries – Having Clause**

# Assusements that is at least 120

# https://eduassistpro.github.

HAVING COUNT(\*)>= 120;

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CourseNo	Num
COMP2400	120
COMP1130	150
	• • •



#### **SQL Queries – Order By Clause**

The ORDER BY clause allows us to sort the tuples in a query result.

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DESC indicates descending order.

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### https://eduassistpro.github.

GROUP BY e.CourseNo

ORDER BY NumberOfStudents DESC;

• This Acut Gurn Munes Sorte a the Golde assist Didescending order.

CourseNo	NumberOfStudents
COMP1130	150
COMP2400	120
COMP2600	100