11001資料庫實務\_四資工二Ｂ\_1202

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4100E104王榆凱

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請使用一SQL 述敘，選取ksu\_std\_table資料表，篩選ksu\_std\_department不可為空，且ksu\_std\_grade不可低於70分，且該系學生人數大於1，所得資料。

SELECT ksu\_std\_department 系別,count(\*) 人數,

AVG(ksu\_std\_grade) 平均

FROM ksu\_std\_table

WHERE ksu\_std\_department !=''and

ksu\_std\_grade>=70

GROUP by ksu\_std\_department

HAVING COUNT(\*)>1

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請使用一SQL 述敘，選取ksu\_std\_table不可空白，且學生個人成績不可低於70分，且該系學生平均分數大於85，所的如下。

SELECT ksu\_std\_department 系別,count(\*) 系人數, AVG(ksu\_std\_grade) 平均

FROM ksu\_std\_table

WHERE ksu\_std\_department !=''and

ksu\_std\_grade>=70

GROUP by ksu\_std\_department

HAVING AVG(ksu\_std\_grade) >85

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請使用一SQL 述敘，選取ksu\_std\_table資料表，以相同的學生選取，計算相同學生姓名的平均成績，筆數，且平均成績大於50，人數大於1個人的篩選，請顯示學生姓名，平均，人數。

SELECT `ksu\_std\_name` 學生姓名,AVG(ksu\_std\_grade) 平均,count(\*) 人數

FROM ksu\_std\_table

GROUP BY ksu\_std\_name

HAVING AVG(`ksu\_std\_grade`) > 50 AND COUNT(\*) >1

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請使用一SQL 述敘，選取ksu\_std\_table資料表，符合其系代號IE，或是學生成績不等於100分的資料，顯示欄位:學號,姓名,系別,成績。

SELECT `ksu\_std\_id` 學號,`ksu\_std\_name` 姓名,`ksu\_std\_department` 系別,`ksu\_std\_grade` 成績

FROM ksu\_std\_table

WHERE ksu\_std\_department ="IE" OR `ksu\_std\_grade` != 100

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請使用一SQL 述敘，選取ksu\_std\_table資料表，符合其ksu\_std\_department不可為空，且學生姓名一開始的字樣為J，且結束的字樣g為資料。顯示:學號，姓名，系別，成績

解一

SELECT `ksu\_std\_id` 學號,`ksu\_std\_name` 姓名,`ksu\_std\_department` 系別,`ksu\_std\_grade` 成績

FROM ksu\_std\_table

WHERE ksu\_std\_department !='' AND `ksu\_std\_name` LIKE "J%" AND `ksu\_std\_name` LIKE "%g"

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解二

SELECT `ksu\_std\_id` 學號,`ksu\_std\_name` 姓名,`ksu\_std\_department` 系別,`ksu\_std\_grade` 成績

FROM ksu\_std\_table

WHERE ksu\_std\_department !='' AND `ksu\_std\_name` LIKE "J%g"

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請使用一SQL 述敘，以系別代號結合選取ksu\_std\_table與dept\_detail資料表，計算學生成績不小於80，並顯示學號，系名，成績。

SELECT k.ksu\_std\_id 學號,d.dept\_name 系名, k.ksu\_std\_grade 成績

from ksu\_std\_table k, dept\_detail d

WHERE k.ksu\_std\_department= d.dept\_id AND k.ksu\_std\_grade >=80

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5分