



SELECT Subject FROM Subjects

* Question 1(a) *

Subject

STRUCTURED PROGRAMMING SQL1 SQL2 INFORMATION SYSTEMS 1 INFORMATION SYSTEMS 2 PROJECT MANAGEMENT

** Lucas Wyte **

SELECT Name, Id FROM Students ORDER BY Name

SELECT Name, Class FROM Students ORDER BY Name

SELECT Name FROM Supervisors ORDER BY Name

* Question 1(d) *

Name

Butler N Harrison D Van M

** Lucas Wyte **

SELECT Name, Year FROM Students ORDER BY Year DESC, Name

SELECT Name FROM Students ORDER BY Name

SELECT Name, Class FROM Students ORDER BY Class, Name Name your queres

_ 1(c)

```
SELECT Subject_code
FROM Results
WHERE Id='8711'
ORDER BY Subject_code
* Question 3(a) *
```

Subject_code

IS212 IS301 IS303

** Lucas Wyte **

ECT Name
FROM Students
WHERE Class='b'
ORDER BY Name

* Question 3(b) *

Name

BISHOP T BOLTON C BUNKER L COLTER F FINNANE L

FINNANE L

NG A

** Lucas Wyte **

SELECT Id, Subject_code FROM Results WHERE Rating=7 ORDER BY Id, Subject_code

* Question 3(c) *

** Lucas Wyte **

3(4) continues next page

SELECT Name
FROM Students
WHERE Class ^= 'A'

fit quenes that overlap onto separate pages.

```
SELECT Name, Year
FROM Students
WHERE Year C= 1
ORDER BY Year, Name
SELECT Id
FROM Results
WHERE Rating <= 5
AND Subject_code = 'IS102'
* Question 3(f) *
-----
      Id
      8907
                 X
      8808
      8909
      8913
      8918
** Lucas Wyte **
SELECT Name
FROM Students
WHERE Year = 1
AND Class = 'A'
 * Question 3(g) *
Name
 MAY S
** Lucas Wyte **
===============
SELECT Name
FROM Students
WHERE Year ^= 2
ORDER BY Name
                   s not in , but ox
        DISTINCT
SELECT Id
FROM Results
WHERE Subject_Code in ('IS102', 'IS112', 'IS212', 'IS204')
ORDER By Id
```

SELECT Id, Rating
FROM Results
WHERE Rating = 3
OR Rating = 7
AND Subject_Code = 'IS204'
ORDER BY Rating, Id

```
----------------
  Id Rating
  8705 3
  8814 3
8816 3
8913 3
  8918 3
  8808
        7
  8810 7
** Lucas Wyte **
------
SELECT Subject_Code
FROM Results
WHERE Rating is null
- Question 5(a) *
Subject_code
    IS102
    IS204
 ** Lucas Wyte **
SELECT Subject
FROM Subjects
WHERE Subject like 'SQL_', //
   * Question 5(b) *
  ---------------
Subject
SQL1
SQL2
 ** Lucas Wyte **
  -----
SELECT Subject_Code
FROM Subjects
WHERE Subject_Code like 'IS1%'
* Question 5(c) *
Subject_code
  _____
    IS102
    IS112
** Lucas Wyte **
------------
```

" QUUDITUH TIU!

```
SELECT COUNT(Subject)
FROM Subjects
* Question 6(a) *
----------------
 Count(subject)
                        would use a format statement
** Lucas Wyte **
SELECT Count(Id)
FROM Results
WHERE Subject_Code = 'IS102'
- Question 6(b) *
Count (id)
** Lucas Wyte **
, RATING a) 4 kt - con the
SELECT Count(Id)
FROM Results
WHERE Subject_Code = 'IS102'
AND Rating (= 5)
* Ouestion 6(c) *
--------------
  Count(id)
** Lucas Wyte **
MIN
SELECT MAX (Rating)
FROM Results
WHERE Subject_Code = 'IS212' √
* Question 6(d) *
ria
  (Max(rating)
      6
** Lucas Wyte **
```

```
SELECT AVG(Rating)
FROM Results
WHERE Subject_Code = 'IS301'
 * Question 6(e) *
---------------
   Avg(rating)
      5.17
 ** Lucas Wyte **
--------------
SELECT AVG(Rating)
FROM Results
WHERE Id = '8802'
  Question 6(f) *
Avg(rating)
       5
 ** Lucas Wyte **
SELECT Class, COUNT(Id)
FROM Students
GROUP BY Class
 * Question 7(a) *
Class Count(id)
         6
  A
  B
         6
  C
         8
```

** Lucas Wyte **

GROUP BY Subject_Code

* Question 7(b) *

Subject_code Min(rating)

FROM Results

IS102 IS112

IS204 IS212 IS301 IS303

SELECT Subject_Code, MIN Rating)

4 3 3

** Lucas Wyte **

SELECT Year, COUNT(Id) FROM Students GROUP BY Year

* Question 7(c) *

Year	Count(id)
1	6
2	6
3	8

** Lucas Wyte **

SELECT Year, COUNT(Id) FROM Students WHERE Class = 'A' GROUP BY Year

* Question 7(d) *

Year	Count(id)
1	1
2	1
3	4

** Lucas Wyte **



SELECT Subject, AVG(Rating) FROM Subjects a, Results b WHERE a.Subject_Code = b.Subject_Code AND Subject_Code like 'IS2%' GROUP BY Subject

> * Question 7(e) * ------

Subject Avg(rating) INFORMATION SYSTEMS 1 5.33 4.56

not required to list subject, only code to join not really required . But CK.

** Lucas Wyte ** -----

SELECT Name FROM Students a, Results b WHERE a.Id = b.IdAND Rating = 7 AND Subject_Code = 'IS204' ORDER BY Name

* Question 8(a) * ______

BOLTON C NASH F

SQL2

** Lucas Wyte **

SELECT MAX ((1455)

SELECT Class, COUNT(Class) FROM Students GROUP BY Class

* Question 8(b) * -----

Class Count(class)

6

** Lucas Wyte **

"We found him on the Internet. Can we keep him mum, can we?"

SELECT COUNT(RATING) FROM RESULTS WHERE RATING >=4

which class has the greates

```
FROM Results a, Students b
WHERE a.Id = b.Id
AND Rating =
(SELECT MIN(Rating)
FROM Results
WHERE Subject_Code = 'IS102')
ORDER BY Name
 * Question 8(c) *
Name
 ______
 GUINEA A
 MAY S
 NG A
 O'BRIEN K
 RUTHERFORD S
 ** Lucas Wyte **
- '2222222222222
SELECT Name
FROM Students a, Subjects b, Results c
WHERE a.id = c.Id
AND b.Subject_Code = c.Subject_Code
AND Subject = 'SQL1'
ORDER BY Name
* Question 8(d) *
Name
 BREWER T
 COLTER F
 CUFF M
 MAY S
  BRIEN K
 ** Lucas Wyte **
------
SELECT Id
FROM Results
WHERE Subject_Code = 'IS102'
AND Rating =
(SELECT MIN(Rating)
FROM Results
WHERE Subject_Code = 'IS102')
ORDER BY Id
* Question 8(e) *
Id
      8913
      8918
 ** Lucas Wyte **
```

ODDECT HUME