

CS2312 Example Sheet 1 – SQL

Create

1. Create a Table called Testing with the columns:
ID – a unique 3-digit code.
Name – an indexed column of 30 characters.
About – a column of 500 characters not indexed and can be empty.

Alter

2. Add a new column to the above table:
Email – an indexed column of 100 characters.

Insert

3. Insert into the table the following rows:

ID	Name	About	Email
1	Harper	No Information	simon@here.com
2	Horrocks	Reader	ian@here.com

Select

4. Select All Rows and all Columns from the table.
5. Select Rows with Email = ian@here.com and all columns from the table.
6. Select Rows with Email = simon@here.com and only column ID from the table.

Alias

7. How would you create an Alias to the Table Testing in, say, a select statement?

Like

8. Select Rows with 'here' in the Email column and all columns from the table.
9. Select Rows with 'per' in the Name column and only column ID from the table.

Update

10. Update ID 2's email address to be ian@there.com
11. Update All records such that About = ""

Delete

12. Delete ID 1

Join

13. Create a Table called Marks with the columns:
UserID – a unique 3-digit code.
Mark – an indexed integer.
14. Insert the data

ID	Mark
1	10
2	30
15. Select (using a simple join) the marks where `Testing(Name) = Harper`