

Exercise 1

SQL Command

```
SELECT propertyNo, city
FROM propertyforrent
WHERE propertyNo IN
    (SELECT propertyNo
     FROM viewing);
```

Output Table

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

SELECT propertyNo, city FROM propertyforrent WHERE propertyNo IN (SELECT propertyNo FROM viewing);

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▾ Filter rows: Sort by key: None ▾

Extra options

			propertyNo	city	
<input type="checkbox"/>	Edit	Copy	Delete	PA14	Aberdeen
<input type="checkbox"/>	Edit	Copy	Delete	PG16	Glasgow
<input type="checkbox"/>	Edit	Copy	Delete	PG21	Glasgow
<input type="checkbox"/>	Edit	Copy	Delete	PG36	Glasgow
<input type="checkbox"/>	Edit	Copy	Delete	PG4	Glasgow

Exercise 2

SQL Command

```
SELECT staff.staffNo, staff.lName, (staff.salary) / 12
FROM staff
WHERE (staff.salary) / 12 < 1000;
```

Output Table

✓ Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT staff.staffNo, staff.lName, (staff.salary) / 12 FROM staff WHERE (staff.salary) / 12 < 1000;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			staffNo	lName	(staff.salary) / 12	
<input type="checkbox"/>	Edit	Copy	Delete	SA9	Howe	750.0000
<input type="checkbox"/>	Edit	Copy	Delete	SL41	Lee	750.0000

↑ ☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Exercise 3

SQL Command

```
SELECT client.clientNo, client.lName, client.email
FROM client
WHERE client.email LIKE '%flintyrock%';
```

Output Table

✓ Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

```
SELECT client.clientNo, client.lName, client.email FROM client WHERE client.email LIKE '%flintyrock%';
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			clientNo	lName	email	
<input type="checkbox"/>	Edit	Copy	Delete	CR56	Flintstone	fred@flintyrock.com
<input type="checkbox"/>	Edit	Copy	Delete	CR62	Flintstone	wilma@flintyrock.com

↑ ☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Exercise 4

SQL Command

```
SELECT COUNT(staff.sex) as NumOfFemaleStaff
FROM staff
WHERE staff.sex LIKE '%F';
```

Output Table

Your SQL query has been executed successfully.

```
SELECT COUNT(staff.sex) as NumOfFemaleStaff FROM staff WHERE staff.sex LIKE '%F';
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

Extra options

NumOfFemaleStaff

4

Exercise 5

SQL Command

```
SELECT branchNo as BranchNumber, COUNT(*) as MyCount, AVG(staff.salary) as MyAverage
FROM staff
GROUP BY branchNo
HAVING MyCount >= 2;
```

Output Table

```
SELECT branchNo as BranchNumber, COUNT(*) as MyCount, AVG(staff.salary) as MyAverage FROM staff GROUP BY branchNo HAVING MyCount >= 2;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▾ | Filter rows:

Extra options

BranchNumber	MyCount	MyAverage
B003	3	18000.0000
B005	2	19500.0000

Exercise 6

SQL Command

```
-- Updating the property
UPDATE propertyforrent
SET rooms = rooms + 1, rent = rent * 1.1
```

```
WHERE propertyNo = 'PL94';

-- getting the row
SELECT *
FROM propertyforrent
WHERE propertyNo = 'PL94';
```

Output Table

✓ 1 row affected. (Query took 0.0003 seconds.)

-- Updating the property UPDATE propertyforrent SET rooms = rooms + 1, rent = rent * 1.1 WHERE propertyNo = 'PL94';

[Edit inline] [Edit] [Create PHP code]

✓ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

-- getting the row SELECT * FROM propertyforrent WHERE propertyNo = 'PL94';

[Edit inline] [Edit] [Create PHP code]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

← T →	▼	propertyNo	street	city	postcode	type	rooms	rent	ownerNo	staffNo	branchNo	picture	floorPlan
<input type="checkbox"/>	Edit	Copy	Delete	PL94	6 Argyll Street	London NW2	Flat	6	484 CO87	SL41	B005	images/house3.jpg	images/plan1.jpg
↑	<input type="checkbox"/> Check all	With selected:		Edit	Copy	Delete	Export						