

SIT103 Database

Tutorial Exercise 2 Answers

EXERCISE A:

```
SELECT *
FROM STUDENT
WHERE STUDENT_NO = '8701872G';
```

EXERCISE B:

```
SELECT STUDENT_NO AS "STUDENT NUMBER", SURNAME || ', ' || GIVEN
AS "FULL NAME", SEX, DOB AS "DATE OF BIRTH" FROM STUDENT
WHERE PROGRAMME_CODE = '165000'
ORDER BY SURNAME;
```

EXERCISE C:

```
SELECT *
FROM STUDENT
WHERE DOB < '01-JAN-65';
```

EXERCISE D:

```
SELECT COURSE_CODE, COURSE_NAME
FROM COURSE
WHERE COURSE_CODE LIKE 'AC%';
```

EXERCISE E:

```
SELECT PROGRAMME_CODE, PROGRAMME_NAME
FROM PROGRAMME
WHERE DEPT_NO = 165;
```

EXERCISE F:

```
SELECT STUDENT_NO, PROGRAMME_CODE, SURNAME || ', ' || GIVEN AS "FULL NAME",
PHONE FROM STUDENT
WHERE PROGRAMME_LOAD = 'P'
ORDER BY SURNAME, GIVEN;
```

EXERCISE G:

```
SELECT SURNAME || ', ' || GIVEN AS "FULL NAME",
       ADDR1 || ' ' || ADDR2 || ' ' || ADDR3 AS "ADDRESS",
PHONE FROM STUDENT
WHERE SEX = 'M' AND POSTCODE = 3053;
```

EXERCISE H:

```
SELECT COURSE_NAME
FROM COURSE
WHERE DEPT_NO = 165
ORDER BY COURSE_NAME DESC;
```

EXERCISE I:

```
SELECT STUDENT_NO, SURNAME || ', ' || GIVEN AS FULLNAME
FROM STUDENT
WHERE PROGRAMME_LOAD = 'P' AND SEX = 'M'
ORDER BY DOB DESC;
```

EXERCISE J:

```
SELECT STUDENT_NO
FROM STUDENT_COURSE
WHERE COURSE_CODE = 'AD513' AND SEM_START = 1;
```