

CHAPTER 7

TASK 7.1 & 7.2: Add the details of the following student.

```
mysql> INSERT INTO student (studentnr, roepnaam, voorletters, tussenvoegsels, achternaam, adres, postcode, woonplaats, geslacht, telefoon, geboortedatum, schoolgeld, betaald)
-> VALUES ("2121", "Ton", "A", "van", "Zetten", "Revestraat 44", "2121VR", "Almere", "m", "036-7654321", "1995-12-02", 500, 500);
ERROR 1062 (23000): Duplicate entry '2121' for key 'PRIMARY'
mysql>
```

```
mysql> INSERT INTO student (studentnr, roepnaam, voorletters, tussenvoegsels, achternaam, adres, postcode, woonplaats, geslacht, telefoon, geboortedatum, schoolgeld, betaald)
-> VALUES ("1313", "Janneke", "J", "", "Simonsen", "Revestraat 2", "2222VR", "Almere", "v", "036-5467890", "1995-4-10", 500, 200);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO student (studentnr, roepnaam, voorletters, tussenvoegsels, achternaam, adres, postcode, woonplaats, geslacht, telefoon, geboortedatum, schoolgeld, betaald)
-> VALUES ("3232", "Annemieke", "A", "de", "Groot", "Janstraat 33", "1533JJ", "Zeewolde", "v", "036-8912765", "1995-10-03", 500, 500);
Query OK, 1 row affected (0.01 sec)

mysql>
```

TASK 7.3 : Change the following details of “Berend van der Tol”.

```
mysql> SELECT studentnr
-> FROM student
-> WHERE achternaam = 'Tol' AND adres = 'Tolweg 10';
+-----+
| studentnr |
+-----+
| 4444      |
+-----+
1 row in set (0.00 sec)

mysql> UPDATE student
-> SET adres = 'Lotstraat 5', postcode = '4455 BT'
-> WHERE studentnr = '4444';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT voorletters, tussenvoegsels, achternaam, adres, postcode, woonplaats
-> FROM student
-> WHERE studentnr = '4444';
+-----+-----+-----+-----+-----+-----+
| voorletters | tussenvoegsels | achternaam | adres      | postcode | woonplaats |
+-----+-----+-----+-----+-----+-----+
| B          | van der        | Tol       | Lotstraat 5 | 4455 BT  | Lelystad  |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 7.4 : Meanwhile “Cynthia de Bruin” has payed all school fees, update the field “betaald” to “500.”

```
mysql> SELECT studentnr
-> FROM student
-> WHERE achternaam = 'Bruin' AND adres = 'Almerestraat 10';
+-----+
| studentnr |
+-----+
| 5555      |
+-----+
1 row in set (0.00 sec)

mysql> UPDATE student
-> SET betaald = '500'
-> WHERE studentnr = '5555';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT voorletters, tussenvoegsels, achternaam, schoolgeld, betaald
-> FROM student
-> WHERE studentnr = '5555';
+-----+-----+-----+-----+-----+
| voorletters | tussenvoegsels | achternaam | schoolgeld | betaald |
+-----+-----+-----+-----+-----+
| C          | de              | Bruin     | 500.00    | 500.00 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 7.5 : Update the following details for “Annemieke de Groot”. Annemieke has moved out from “Zeewolde” to “Januaristraat 15, 1335 RT, Almere”.

```
mysql> SELECT studentnr
-> FROM student
-> WHERE achternaam = 'Groot' AND adres = 'Janstraat 33';
+-----+
| studentnr |
+-----+
| 3232      |
+-----+
1 row in set (0.00 sec)

mysql> UPDATE student
-> SET adres = 'Januaristraat 15', postcode = '1335RT', woonplaats = 'Almere'
-> WHERE studentnr = '3232';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT voorletters, tussenvoegsels, achternaam, adres, postcode, woonplaats
-> FROM student
-> WHERE studentnr = '3232';
+-----+-----+-----+-----+-----+-----+
| voorletters | tussenvoegsels | achternaam | adres          | postcode | woonplaats |
+-----+-----+-----+-----+-----+-----+
| A          | de             | Groot      | Januaristraat 15 | 1335RT   | Almere     |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 7.6 : Check how much school fees “Berend van der Tol” still has to pay.

```
mysql> SELECT studentnr, voorletters, tussenvoegsels, achternaam, schoolgeld, betaald
-> FROM student
-> WHERE studentnr = '4444';
+-----+-----+-----+-----+-----+-----+
| studentnr | voorletters | tussenvoegsels | achternaam | schoolgeld | betaald |
+-----+-----+-----+-----+-----+-----+
| 4444      | B          | van der        | Tol        | 500.00     | 0.00    |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 7.7 & 7.8 : Deregister this student and check if the student has been deregistered.

```
mysql> SELECT uitgeschreven
      -> FROM student
      -> WHERE studentnr = '4444';
+-----+
| uitgeschreven |
+-----+
| 2015-09-06    |
+-----+
1 row in set (0.00 sec)

mysql> SELECT voorletters, tussenvoegsels, achternaam, uitgeschreven
      -> FROM student
      -> WHERE studentnr = '4444';
+-----+-----+-----+-----+
| voorletters | tussenvoegsels | achternaam | uitgeschreven |
+-----+-----+-----+-----+
| B          | van der        | Tol       | 2015-09-06    |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 7.9 : Deregister "Jan Jansen".

```
mysql> UPDATE student
      -> SET uitgeschreven = '2015-9-6'
      -> WHERE studentnr = '2222';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT voorletters, tussenvoegsels, achternaam, uitgeschreven
      -> FROM student
      -> WHERE studentnr = '2222';
+-----+-----+-----+-----+
| voorletters | tussenvoegsels | achternaam | uitgeschreven |
+-----+-----+-----+-----+
| J          |                 | Jansen     | 2015-09-06    |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 7.10 : Check how many students have been deregistered.

```
mysql> SELECT studentnr, voorletters, tussenvoegsels, achternaam, uitgeschreven
-> FROM student
-> WHERE uitgeschreven;
```

studentnr	voorletters	tussenvoegsels	achternaam	uitgeschreven
2222	J		Jansen	2015-09-06
4444	B	van der	Tol	2015-09-06

2 rows in set (0.00 sec)

```
mysql>
```