

# ANTWOORDEN HOOFDSTUK 10

## Opdracht 10.1

Schrijf hier je query

Plak hier je schermafdruck

```
Opdrachtprompt - mysql -u root -p
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE school
Database changed
mysql> INSERT INTO studentopleiding
  -> (studentnr, opleidingscode, startdatum, einddatum)
  -> VALUES ('1111', 'NB', '2015-02-30', null);
ERROR 1292 (22007): Incorrect date value: '2015-02-30' for column 'startdatum' at row 1
mysql> ALTER TABLE student
  -> ADD CONSTRAINT chgeslacht check (geslacht in ('m','v'));
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql>
```

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Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> CONSTRAINT FOREIGN KEY(studentnr)
  -> REFERENCES student(studentnr)
  -> ON DELETE NO ACTION
  -> ON UPDATE NO ACTION,
  -> CONSTRAINT FOREIGN KEY(opleidingscode)
  -> REFERENCES opleiding(opleidingscode)
  -> ON DELETE NO ACTION
  -> ON UPDATE NO ACTION
  -> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'CONSTRAINT FOREIGN KEY(studentnr) REFERENCES student(studentnr) ON DELETE NO ACT' at line 1
mysql> INSERT INTO studentopleiding
  -> (studentnr, opleidingscode, startdatum, einddatum)
  -> VALUES ('1111', 'NB', '2015-02-01', null);
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails ('school'.`studentopleiding`, CONSTRAINT `studentopleiding_ibfk_2` FOREIGN KEY (`opleidingscode`) REFERENCES `opleiding` (`opleidingscode`) ON DELETE NO ACTION ON UPDATE NO ACTION)
mysql> INSERT INTO studentopleiding
  -> (studentnr, opleidingscode, startdatum, einddatum)
  -> VALUES ('7777', 'DT3', '2015-9-1', null);
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails ('school'.`studentopleiding`, CONSTRAINT `studentopleiding_ibfk_1` FOREIGN KEY (`studentnr`) REFERENCES `student` (`studentnr`) ON DELETE NO ACTION ON UPDATE NO ACTION)
mysql> INSERT INTO studentopleiding
  -> (studentnr, opleidingscode, startdatum, einddatum)
  -> VALUES ('7777', 'DT3', '2015-09-01', null)
  -> ;
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails ('school'.`studentopleiding`, CONSTRAINT `studentopleiding_ibfk_1` FOREIGN KEY (`studentnr`) REFERENCES `student` (`studentnr`) ON DELETE NO ACTION ON UPDATE NO ACTION)
mysql>
```

```
Opdrachtprompt - mysql -u root -p
ERROR 1054 (42S22): Unknown column 'niveau' in 'where clause'
mysql> SELECT COUNT(*)
-> FROM student
-> INNER JOIN studentopleiding
-> ON studentopleiding.studentnr = student.studentnr
-> INNER JOIN opleiding
-> WHERE niveau = '3';
+-----+
| COUNT(*) |
+-----+
|      12 |
+-----+
1 row in set (0.02 sec)

mysql>
```

```
Opdrachtprompt - mysql -u root -p
mysql> SELECT studentnr, geslacht, opleidingscode
-> FROM student
-> LEFT JOIN studentopleiding
-> USING(studentnr)
-> LEFT JOIN opleiding
-> USING(opleidingscode)
-> WHERE geslacht LIKE 'v';
+-----+-----+-----+
| studentnr | geslacht | opleidingscode |
+-----+-----+-----+
| 3232      | v        | NULL           |
| 6666      | v        | IB             |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```