

ANTWOORDEN HOOFDSTUK 9

Opdracht 9.1

Schrijf hier je query

Plak hier je schermafdruck

```
Opdrachtprompt - mysql -u root -p
Your MySQL connection id is 2
Server version: 5.7.28 MySQL Community Server (GPL)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE school
Database changed
mysql> CREATE TABLE opleiding (
  -> opleidingscode varchar(3),
  -> naam varchar(30),
  -> niveau char(1),
  -> primary key(opleidingscode)
  -> )
  -> engine = InnoDB;
Query OK, 0 rows affected (0.05 sec)

mysql> INSERT INTO opleiding (opleidingscode, naam, niveau)
  -> VALUES ("AO", "ApplicatieOntwikkeling", "4");
Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO opleiding (opleidingscode, naam, niveau)
  -> VALUES ("AO", "ApothekersOpleiding", "4");
ERROR 1062 (23000): Duplicate entry 'AO' for key 'PRIMARY'
mysql> INSERT INTO opleiding (opleidingscode, naam, niveau)
  -> VALUES ("MBI", "Medewerker Beheer ICT", "3");
Query OK, 1 row affected (0.05 sec)

mysql>
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```
Opdrachtprompt - mysql -u root -p
mysql> USE opleiding
ERROR 1049 (42000): Unknown database 'opleiding'
mysql> INSERT INTO opleiding (opleidingscode, naam, niveau)
  -> VALUES ("IB", "ICT BEHEERDER", "4");
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 '' at line 2
mysql> INSERT INTO opleiding (opleidingscode, naam, niveau)
  -> VALUES ("IB", "ICT BEHEERDER", "4");
Query OK, 1 row affected (0.05 sec)

mysql> SELECT opleidingscode, naam, niveau
  -> FROM opleiding;
+-----+-----+-----+
| opleidingscode | naam                | niveau |
+-----+-----+-----+
| AO             | ApplicatieOntwikkeling | 4      |
| DT2            | DeskTopPublishing    | 2      |
| DT3            | DeskTopPublishing 3  | 3      |
| IB             | ICT BEHEERDER        | 4      |
| MBI            | Medewerker Beheer ICT | 3      |
| MV             | Mediavormgeving      | 4      |
+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```

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Opdrachtprompt - mysql -u root -p
+-----+-----+-----+-----+
| HV | Mediavormgeving | 4 |
+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> CREATE TABLE studentopleiding (
  -> studentnr varchar(5),
  -> opleidingscode varchar(3),
  -> startdatum date,
  -> einddatum date,
  -> diploma tinyint(1) default 0,
  -> 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
  -> )
  -> engine = InnoDB;
Query OK, 0 rows affected (0.08 sec)

mysql> SHOW TABLES
  -> ;
+-----+
| Tables_in_school |
+-----+
| opleiding         |
| school            |
| student           |
| studentopleiding |
+-----+
4 rows in set (0.02 sec)

mysql>
```

```
Opdrachtprompt - mysql -u root -p

mysql> INSERT INTO studentopleiding (studentnr, opleidingscode, startdatum)
  -> VALUES ("6666", "IB", "2015-8-1");
Query OK, 1 row affected (0.02 sec)

mysql> SELECT roepnaam, tussenvoegsels, achternaam, opleiding.naam
  -> FROM student
  -> INNER JOIN studentopleiding
  -> ON studentopleiding.studentnr = student.studentnr
  -> INNER JOIN opleiding
  -> ON opleiding.opleidingscode = studentopleiding.opleidingscode;
+-----+-----+-----+-----+
| roepnaam | tussenvoegsels | achternaam | naam |
+-----+-----+-----+-----+
| Piet     |                 | Pietersen | ApplicatieOntwikkeling |
| Jan      |                 | Jansen    | Mediavormgeving        |
| Willem   |                 | Willemsen | DeskTopPublishing 3    |
| Berend   | van der        | Tol (uitgeschreven) | DeskTopPublishing |
| Cynthia  | de             | Bruin     | Medewerker Beheer ICT |
| Angelique | de            | Hoed      | ICT BEHEERDER          |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```