Diagnostische toets SQL Hoofdstuk 1

Deel 1: Met de Querier

Opgave 1

a. SELECT titel, artiest
   FROM top2000
   WHERE ed2021 <= 100
b. SELECT DISTINCT artiest
   FROM top2000
   WHERE ed2021 <= 100
c. SELECT AVG(ed2021)
   FROM top2000
   WHERE artiest = 'johnny cash'
d. SELECT titel
   FROM top2000
   WHERE ed2021 =
   (
      SELECT MIN(ed2021)
      FROM top2000
      WHERE artiest = 'johnny cash'
)
e. SELECT artiest, COUNT(titel)
   FROM top2000
   GROUP BY artiest
f. SELECT artiest, COUNT(titel) AS aantal
   FROM top2000
   GROUP BY artiest
   ORDER BY aantal ASC

Opgave 2

a. SELECT m_id
   FROM meters
   WHERE merk = 'samsung' AND type = 'windkracht'
b. SELECT DISTINCT type
   FROM meters
   WHERE merk = 'Philips'
c. SELECT m_id, voeding
   FROM meters
   WHERE merk = 'samsung' AND NOT type = 'temperatuur'
d. SELECT voeding, COUNT(voeding) AS aantal
   FROM meters
   GROUP BY voeding

Deel 2: Op papier
Opgave 3

a.

merk
audi
porsche
ferrari
jaguar

b.

merk	type	prijs
volkswagen	station	30000

c.

merk	pk
ferrari	661
porsche	560
jaguar	460
audi	354
volkswagen	131
kia	103

d.

merk
audi
porsche
volkswagen
volkswagen
ferrari
kia

e.

merk	prijs
porsche	110000
ferrari	460000