Oefeningen Group by (Having)

Vb1

Select i.cursus, i.begindatum, count(i.cursist)

From inschrijvingen i

Group by i.cursus, i.begindatum;

Vb2

SELECT m.naam, m.maandsal

From medewerkers m, (select min(maandsal) laagste from medewerkers) mm

Where m.maandsal = mm.laagste;

OF

SELECT m.naam, m.maandsal

From medewerkers m join (select min(maandsal) laagste from medewerkers) mm

on m.maandsal = mm.laagste;

Oef1

Select count(mnr) as aantalmedewerkers, afd

from medewerkers

group by afd;

Oef2

Select avg(maandsal) as gemiddeldeSAL, afd

from medewerkers

group by afd;

oef 3

select count(m.mnr) as aantalmedewerkers, m.afd

from medewerkers m join afdelingen a

on m.afd = a.anr

where a.naam like ‘%OO%’

group by m.afd;

Oef4

Select count(mnr) as aantalmedewerkers, afd

From medewerkers

Group by afd

Having afd != 10;

Oef5

Select min(m.maandsal), max(m.maandsal), a.naam

From medewerkers m join afdelingen a

On m.afd = a.anr

Group by m.afd, a.naam;

Oef 6

Select m.naam, m.voorn, maandsal

From medewerkers m

Where maandsal = (select max(maandsal) from medewerkers);

Oef7

Select afd, functie, count(\*), avg(maandsal)

From medewerkers

Group by afd, functie

Order by afd;

Oef8

Select afd, avg(maandsal) as gemiddeldeSAL

From medewerkers

Group by afd

Having count(mnr) > 3;

Oef 9

Select a.naam, m.naam, m.afd, m.maandsal

From medewerkers m join afdelingen a

On m.afd = a.anr

Join (select afd, max(maandsal) hoogste from medewerkers group by afd) mm

On m.afd = mm.afd and m.maandsal = mm.hoogste;

Oef10

Select naam from medewerkers

Where maandsal > (select avg(maandsal) from medewerkers)

Group by naam;

Oef11

Select m.afd, m.naam, m.maandsal, avg

From medewerkers m join afdelingen a

On m.afd = a.anr

Join (select afd, avg(maandsal) avg from medewerkers group by afd) mm

On m.afd = mm.afd and m.maandsal > mm.avg;

Oef12

Select cursist, naam, count(i.cursist)

From medewerkers m join inschrijvingen i

on i.cursist = m.mnr

Group by cursist, naam

Order by count(i.cursist) asc;

Oef13

Select avg(maandsal)

From medewerkers m

Where afd = (select afd from medewerkers where naam like ‘%DEN RUYTER%’);

Oef14

Select count(mnr)

From medewerkers

Where maandsal < (select avg(maandsal) + 200 from medewerkers);

Oef15

Select m.voorn, m.naam, count(\*)

From medewerkers m join medewerkers mm

On m.maandsal <= mm.maandsal

Group by m.voorn, m.naam

Having count(\*) <= 3;

Oef16

Select m.voorn, m.naam, m.maandsal, count(\*)

From medewerkers m join medewerkers mm

On m.maandsal >= mm.maandsal

Group by m.maandsal, m.voorn, m.naam

Having count(\*) <= 5

Order by m.maandsal asc;

Oef17

Select m.voorn, m.naam, m.maandsal

From medewerkers m join medewerkers mm

On m.maandsal >= mm.maandsal

Group by m.maandsal, m.voorn, m.naam

Having count(\*) <= 5

Order by m.maandsal desc;

Oef18

Select m.voorn, m.naam, count(\*)

From medewerkers m join medewerkers mm

On m.maandsal > mm.maandsal

Where m.functie like 'VERKOPER' and mm.functie like 'VERKOPER'

group by m.voorn, m.naam

having count(\*) <= 3;

Oef19

Select afd

From medewerkers

Group by afd

Having avg(maandsal) = (select max(avg(maandsal)) from medewerkers group by afd);

Oef20

Select a.naam

From afdelingen a join medewerkers m

On a.anr = m.afd

Group by a.naam

Having avg(maandsal) = (select max(avg(maandsal)) from medewerkers group by afd);

Oef21

Select u.cursus, u.begindatum, u.locatie

From uitvoeringen u join (select max(begindatum) begdat2 from uitvoeringen) uu

On u.begindatum = uu.begdat2;

OR

Select cursus, begindatum, locatie

From uitvoeringen

Where begindatum = (select max(begindatum) from uitvoeringen);

Oef22

Break on afd skip 1

Select afd, functie, count(mnr), avg(maandsal)

From medewerkers

Group by afd, functie

Order by afd;

Break on afd skip 1

Select afd, functie, count(mnr), avg(maandsal)

From medewerkers

Group by rollup(afd, functie)

Order by afd;