select pres\_name, BIRTH\_YR from presiden

42 rows

select STATE\_NAME from state where state\_name IN (select state\_born from presiden

19 rows

select state\_name from state

where state\_name like 'New%' or state\_name like '%ia'

10 rows

delete from state

where state\_name = 'New Georgia'

1 row

select pres\_name, spouse\_nam, pr\_age-sp\_age as Leeftijdsverschil from pres\_mar

where pr\_age >= sp\_age

order by Leeftijdsverschil desc

limit 10

10 rows

select pres\_name, birth\_yr, birth\_yr+death\_age as sterfjaar from presiden

where pres\_name not in (select pres\_name from pres\_mar)

1 row

select state\_name, count(pres.pres\_name) as aantalpres from state

left join presiden pres on pres.state\_born = state.STATE\_NAME

group by state\_name

order by aantalpres desc

50 rows

select vice\_pres, count(\*) as TimesVice from administ

where vice\_pres IN (select pres\_name from administ)

group by vice\_pres

order by timesvice desc

10 rows

select presiden.pres\_name, administ.YEAR\_INAUG, administ.YEAR\_INAUG+presiden.YRS\_SERV as endOfTerm

from presiden inner join administ on presiden.pres\_name = administ.PRES\_NAME

where 2000 between administ.YEAR\_INAUG and administ.YEAR\_INAUG+presiden.YRS\_SERV

SELECT pres\_name, year\_inaug,

(SELECT MIN(year\_inaug) FROM administ WHERE year\_inaug > 1995) AS eindjaar

FROM administ

WHERE year\_inaug >=

(SELECT MAX(year\_inaug) FROM administ WHERE year\_inaug <= 1995)

LIMIT 1

F D Roosevelt

create table familie

select presiden.pres\_name as president, presiden.BIRTH\_YR as geboortejaar,

pres\_mar.MAR\_YEAR as huwelijksjaar, election.electio\_ye as verkiezingsjaar,

presiden.BIRTH\_YR+presiden.DEATH\_AGE as overlijdensjaar, pres\_mar.SPOUSE\_NAM as vrouw,

pres\_mar.NR\_CHILDRE as kinderen

from presiden left join pres\_mar on presiden.PRES\_NAME = pres\_mar.PRES\_NAME

left join election on presiden.pres\_name = election.CANDIDATE

and election.WINNERLOSE = 'W'

order by presiden.pres\_name

update familie

set overlijdensjaar = null

where geboortejaar = overlijdensjaar

9 rows

alter table familie

add column pres\_id integer primary key auto\_increment

create table hobbies like pres\_hob

insert into hobbies

select \* from pres\_hob

UPDATE hobbies SET pres\_name="Bush G W" WHERE pres\_name="Bush"

UPDATE hobbies SET pres\_name="Hayes R B" WHERE pres\_name = "Hayens R B"

5 rows (gecopy paste van oplossing. Hard code verandering .. errorprone = bad)

alter table hobbies

add column pres\_id integer primary key auto\_increment,

add index (pres\_id)

alter table hobbies

add CONSTRAINT fk\_pres\_id

foreign key (pres\_id)

references familie(pres\_id)

on delete RESTRICT

on update cascade

na poging delete: Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails (`presiden`.`hobbies`, CONSTRAINT `fk\_pres\_id` FOREIGN KEY (`pres\_id`) REFERENCES `familie` (`pres\_id`) ON UPDATE CASCADE)

select hobbies.HOBBY, count(familie.president) as aantalPres

from familie inner join hobbies on familie.president = hobbies.PRES\_NAME

group by hobbies.HOBBY

order by aantalPres desc

25 rows

select BIRTH\_YR as Jaar, 'GEBOORTE' as Gebeurtenis, pres\_name, state\_born from presiden

UNION

select birth\_yr+DEATH\_AGE as Jaar, 'OVERLIJDEN' as Gebeurtenis, pres\_name, state\_born from presiden

UNION

select MAR\_YEAR as Jaar, 'HUWELIJK' as Gebeurtenis, pres\_mar.PRES\_NAME, SPOUSE\_NAM from pres\_mar

UNION

select ELECTIO\_YE as Jaar, 'WINNAAR VERKIEZINGEN' as Gebeurtenis, election.CANDIDATE, presiden.PARTY from election, presiden

where WINNERLOSE='W' and election.CANDIDATE=presiden.PRES\_NAME

UNION

SELECT year\_enter as Jaar, 'TOETREDING STATE BIJ' as Gebeurtenis, state\_name, presiden.pres\_name FROM

state, administ, presiden WHERE administ.pres\_name=presiden.pres\_name AND

state.year\_enter >=administ.year\_inaug AND state.year\_enter

<=administ.year\_inaug+presiden.yrs\_serv

UNION

select mar\_year-sp\_age as Jaar, 'GEBOORTE ECHTGENOTE' as Gebeurtenis, PRES\_NAME, SPOUSE\_NAM from pres\_mar

order by Jaar desc

285 rows

select distinct pres1.president, pres1.geboortejaar, pres2.president, pres2.overlijdensjaar from familie pres1

inner join familie pres2 on pres1.geboortejaar = pres2.overlijdensjaar and pres1.president <> pres2.president

5 rows