create database sap2;

create table candidates (

  id            int not null,

  name          varchar(55),

  email         varchar(55),

  created\_at    time,

  updated\_at    time

);

create table jobs (

  id            int not null,

  title         varchar(55),

  positions     int,

  created\_at    time,

  updated\_at    time

);

create table applications (

  id            int not null,

  candidate\_id  int not null,

  job\_id        int not null,

  score         decimal,

  created\_at    time,

  updated\_at    time

);

insert into candidates values

  (1,   'John Snow',        'john@snow',    now()+ 1, now()+1),

  (2,   'Bob Ross',         'bob@ross',     now()+ 2, now()+2),

  (3,   'Kim Possible',     'kim@possible', now()+ 3, now()+3),

  (4,   'Ash Ketchum',      'ash@ketchum',  now()+ 4, now()+4),

  (5,   'Goku Son',         'goku@son',     now()+ 5, now()+5),

  (6,   'Mortimer Smith',   'morty@smh',    now()+ 6, now()+6);

  insert into jobs values

  (1,   'Night Watch Commander', 1,      now()+11 ,  now()+11 ),

  (2,   'Pokemon Master',        8,      now()+12 ,  now()+12 ),

  (3,   'Blessed Painter',       100,    now()+13 ,  now()+13 );

insert into applications values

  (1,   1,  1,  90,  now()+21 ,now()+21),

  (2,   1,  3,  80,  now()+22, now()+22),

  (3,   2,  1,  10,  now()+23, now()+23),

  (4,   2,  2,  10,  now()+24, now()+24),

  (5,   2,  3,  99,  now()+25, now()+25),

  (6,   3,  1,  60,  now()+26, now()+26),

  (7,   3,  2,  70,  now()+27, now()+27),

  (8,   3,  3,  50,  now()+28, now()+28),

  (9,   4,  2,  90,  now()+29, now()+29),

  (10,  5,  1,  9000,now()+30, now()+30);

alter table candidates ADD primary key(id);

alter table jobs ADD primary key(id);

alter table applications ADD primary key(id);

alter table applications add foreign key(candidate\_id)

references candidates(id);

alter table applications add foreign key(job\_id)

references jobs(id);

1------------------------------------------------

select name, count(name) as "num" from candidates

inner join applications

on candidate\_id = candidates.id

group by name

having num < 3

order by name desc;

2-----------------------------------------------

select name, jobs.title, score from jobs

inner join applications

on job\_id = jobs.id

inner join candidates

on candidates.id = candidate\_id

group by 1;

3------------------------------------------------

SELECT title, COUNT(score) AS "over25",COUNT(score) AS "over50",COUNT(score) AS "over75"

FROM (jobs

INNER JOIN applications ON job\_id = jobs.id)

GROUP BY title;

Gabrielly Gois