create keyspace headache with replication={'class':'SimpleStrategy','replication\_factor':1}

create table emp(id int PRIMARY KEY, name text, jobtitle text, hiredate varchar);

insert into emp(id,name,jobtitle,hiredate) values(1,'bob','mentor','2010-10-20');

insert into emp(id,name,jobtitle,hiredate) values(2,'paul','analysts','1999-11-15');

insert into emp(id,name,jobtitle,hiredate) values(3,'grace','management','2018-5-01');

select \* from emp;

alter table emp add salary int;

create index jobtitle on emp(jobtitle);

select name,salary from headache.emp where jobtitle = 'mentor' allow filtering;

update emp set salary = 50000 where id=1;

update emp set salary = 500000 where id=2;

update emp set salary = 5000000 where id=3;

create index hiredate on emp(hiredate);

select name,salary from emp where hiredate = '1999-11-15' allow filtering;

select name, salary from emp allow filtering;

alter table emp add dept\_no int;

alter table emp add dept text;

alter table emp add manager text;

update emp set dept\_no=5 where id=1;

update emp set dept\_no=6 where id=2;

update emp set dept\_no=7 where id=3;

select \* from emp where dept\_no>2 and dept='HR' allow filtering;

select name,dept,salary from emp where salary = 5000000;

update emp set dept = 'TRAdev' where id=1;

update emp set dept = 'Dev' where id=2;

update emp set dept = 'HR' where id=3;

update emp set manager = 'yes' where id=3;

create index dept\_no on emp(dept\_no);

create index dept on emp(dept);