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CSE 344 Homework 1  
Due October 3, 2013

1.
  - a. create table R(A int, B int);
  - b. insert into R values(2, 4);  
insert into R values(1, 1);  
insert into R values(3, 2);
  - c. select \* from R;
  - d. insert into R values('5', '2'); No error because sqlite treats everything like a string.
  - e. select A from R;
  - f. select \* from R where A <= B;
2.  
create table MyRestaurants(  
    Name varchar,  
    TypeFood varchar,  
    Distance int,  
    Date varchar(10),  
    iLike int);
3.  
insert into MyRestaurants values('UT', 'teriyaki', 10, '2012-06-06', 0);  
insert into MyRestaurants values('Ichiro', 'teriyaki', 11, '2012-04-06', 0);  
insert into MyRestaurants values('Thai 66', 'thai', 15, '2013-04-08', 1);  
insert into MyRestaurants values('Whateven', 'blah', 100, '2011-04-08', null);  
insert into MyRestaurants values('Home', 'viet', 0, '2013-09-27', 1);
4.  
select Name from MyRestaurants;
5.
  - a. .mode csv
  - b. .separator |  
    .mode list
  - c. .width 15 15 15 15 15  
    .mode column
  - d. .header on/off
6.  
select Name, case when iLike == 1 then 'I liked it' else 'I hated it' end from MyRestaurants;
7.  
select Name from MyRestaurants where iLike == 1 and Date < date('now', '-3 month');