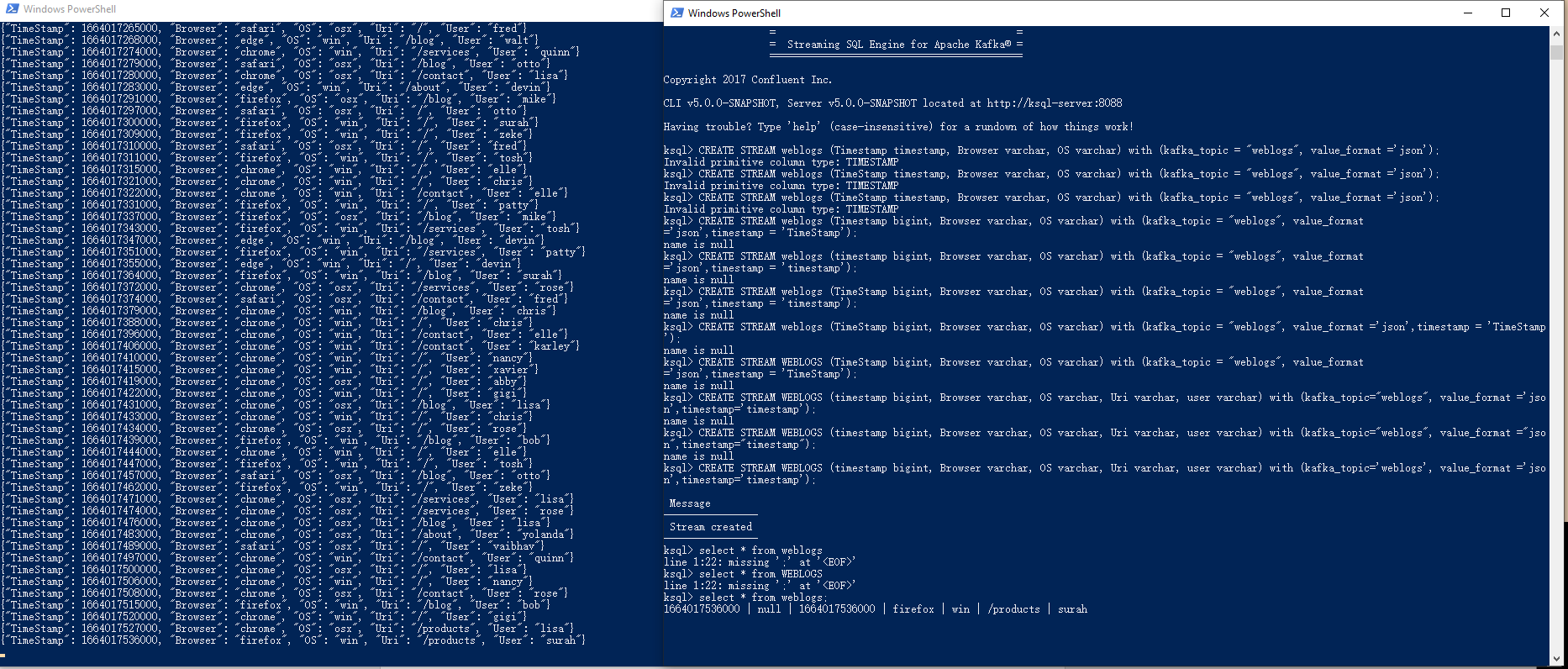
Name: Suihin Wong

SU email: swong18@syr.edu

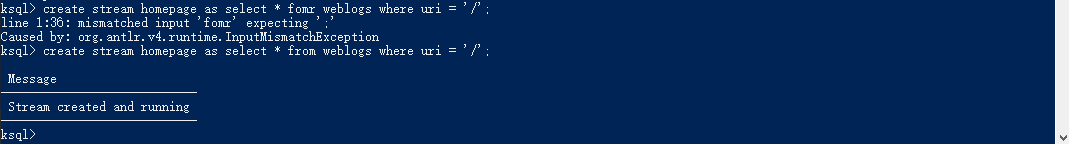
1.

CREATE STREAM WEBLOGS (timestamp bigint, Browser varchar, OS varchar, Uri varchar, user varchar) with (kafka\_topic='weblogs', value\_format ='json',timestamp='timestamp');

select \* from weblogs;

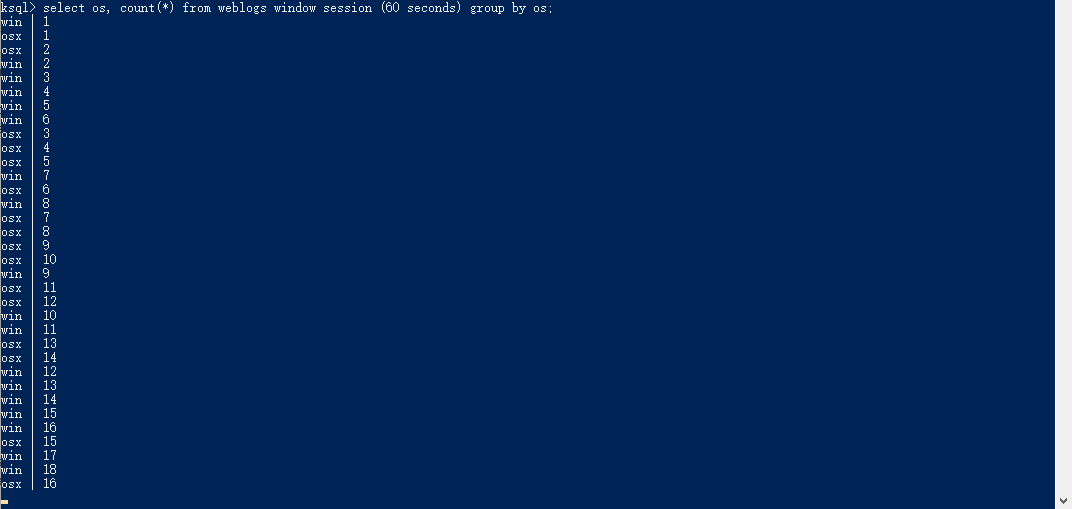


2.



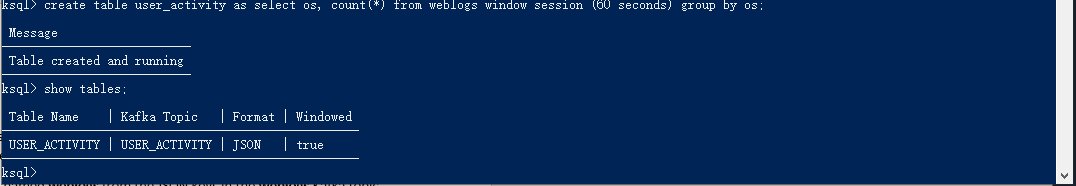
3.

select os, count(\*) from weblogs window session (60 seconds) group by os;



4.

create table user\_activity as select os, count(\*) from weblogs window session (60 seconds) group by os;



5.

select user,os, count(\*) as actitvity\_count from weblogs window session (60 seconds) group by user, os having count(\*) > 1;

