1. User data and their app usage data are kept in the tables above. Each

user can have multiple sessions. Write a SQL query that:

- selects the ‘userIds’ with the top 50 average session durations

- selects their full name from the user table as a single new column

\*Bonus for adding in a new column for each user and flagging their 3rd longest duration with 1,

otherwise put 0 (put 0 if they have fewer than 3 sessions)

-- Your query or pseudo query here.

CREATE TABLE sessions

(id INTEGER PRIMARY KEY,

userId INTEGER NOT NULL FOREIGN KEY REFERENCES users(id),

duration DECIMAL NOT NULL);

CREATE TABLE transactions

(id INTEGER PRIMARY KEY,

userId INTEGER NOT NULL FOREIGN KEY REFERENCES users(id)

productId INTEGER,

originDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

description VARCHAR(30),

qty DECIMAL);

select userId, AVG(Q.duration) as AVG50 from (

select top 50 duration from sessions order by userId desc) AS Q

group by userId having count(userid)>1;

select CONCAT (Ifnull(firstName,' '),' ',Ifnull(lastName,' ')) as Name from users;

select users. \*, (case

when select duration from users order by duration desc limit 1 offset 2 then 1

when duration 3 then 0

else 0 end) as Flag from users;