코멘토 직무부트캠프 3주차 과제

- SW활용 현황 통계 API 구축을 위한 SQL 작성

1) 월별 접속자 수

SELECT

SUBSTR(createDate, 1, 4) AS year,

SUBSTR(createDate, 5, 2) AS month,

COUNT(\*) AS monthly\_visitors

FROM

statistc.requestInfo

GROUP BY

year, month

ORDER BY

year, month;

2) 일자별 접속자 수

SELECT

SUBSTR(createDate, 1, 6) AS date,

COUNT(\*) AS daily\_visitors

FROM

statistc.requestInfo

GROUP BY

date

ORDER BY

date;

3) 평균 하루 로그인 수

SELECT

AVG(daily\_visitors) AS avg\_daily\_logins

FROM (

SELECT

SUBSTR(createDate, 1, 6) AS date,

COUNT(\*) AS daily\_visitors

FROM

statistc.requestInfo

GROUP BY

date

) AS daily\_visitors;

4) 휴일을 제외한 로그인 수 ( 해당 문제에서는 휴일을 포함합니다. )

SELECT

COUNT(\*) AS non\_holiday\_logins

FROM

statistc.requestInfo

WHERE

createDate != '200903';

5) 부서별 월별 로그인 수

-- statistc.requestInfo 테이블에 부서 정보 추가

ALTER TABLE statistc.requestInfo

ADD departmentID varchar(5);

-- 부서 정보 업데이트

UPDATE statistc.requestInfo

SET departmentID = (SELECT HR\_ORGAN FROM statistc.user WHERE statistc.user.userID = statistc.requestInfo.userID);

-- 월별 부서별 로그인 수

SELECT

SUBSTR(createDate, 1, 2) AS year,

SUBSTR(createDate, 3, 2) AS month,

departmentID,

COUNT(\*) AS department\_monthly\_logins

FROM

statistc.requestInfo

GROUP BY

year, month, departmentID

ORDER BY

year, month, departmentID;