Week-3: Assignment

Q1). **Select All**

Ans). SELECT \* FROM CITY;

Q2). **Select By ID**

Ans). SELECT \* FROM CITY WHERE ID=1661;

Q3). **Employee Names**

Ans). SELECT name   
FROM Employee  
ORDER BY name ASC;

Q4). **Japanese Cities' Attributes**

Ans). SELECT \*   
FROM CITY  
WHERE COUNTRYCODE='JPN';

Q5). **Weather Observation Station 1**

Ans). SELECT CITY, STATE FROM STATION;

Q6). **Weather Observation Station 3**

Ans). SELECT DISTINCT CITY  
FROM STATION  
WHERE ID % 2 = 0;

Q7). **Weather Observation Station 4**

Ans). SELECT COUNT(CITY) - COUNT(DISTINCT CITY)  
FROM STATION;

Q8). **Weather Observation Station 5**

Ans). (  
 SELECT CITY, LENGTH(CITY) AS LEN  
 FROM STATION  
 ORDER BY LEN ASC, CITY ASC  
 LIMIT 1  
)  
UNION  
(  
 SELECT CITY, LENGTH(CITY) AS LEN  
 FROM STATION  
 ORDER BY LEN DESC, CITY ASC  
 LIMIT 1  
);

Q9). **Average Population**

Ans). SELECT ROUND(AVG(POPULATION),0)  
FROM CITY;

Q10). **Average Population of Each Continent**

Ans). SELECT C2.CONTINENT, FLOOR(AVG(C1.POPULATION))  
FROM CITY AS C1  
INNER JOIN COUNTRY AS C2  
ON C1.CountryCode = C2.Code  
GROUP BY C2.CONTINENT;