**A logo for a science company

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**Ardian – 2106638173**

**LATIHAN SQL REFRESHER – 12 FEBRUARI 2024**

**INSTRUKSI LATIHAN**

* Buat akun dan akses: <https://www.hackerrank.com/domains/sql>
* Kerjakan soal-soal pada HackerRank dengan nama soal seperti yang tertera di bawah ini. Jawaban Anda langsung ditulis tepat di bawah masing-masing soal.
* Sertakan screenshot halaman profile HackerRank Anda. Pastikan nama dan foto akun Anda tampak.
* Gunakan sintaks MySQL.
* Anda dapat menggunaan referensi belajar SQL seperti “SQL Basics Cheat Sheet - LearnSQL” dan “SQL Basics Cheat Sheet - datacamp” di SCELE.
* Dilarang keras menyontek.
* Pastikan Anda submit jawaban Anda dalam docx atau pdf dengan format:  
  20240213 - Latihan SQL - Nama Lengkap.pdf
* Deadline latihan pada 13 Februari 2024 pukul 23.55 (tidak ada perpanjangan waktu).

**SOAL DAN JAWABAN**

1. Revising the Select Query I  
   Jawaban:

SELECT \*

FROM CITY

WHERE COUNTRYCODE = 'USA' AND POPULATION > 100000;

1. Revising the Select Query II  
   Jawaban:

SELECT NAME

FROM CITY

WHERE COUNTRYCODE = 'USA' AND POPULATION > 120000;

1. Select All  
   Jawaban:

SELECT \* FROM CITY

1. Population Census  
   Jawaban:

SELECT SUM(CITY.POPULATION)

FROM CITY

JOIN COUNTRY ON CITY.COUNTRYCODE = COUNTRY.CODE

WHERE COUNTRY.CONTINENT = 'Asia';

1. Japanese Cities' Attributes  
   Jawaban:

SELECT \* FROM CITY

WHERE COUNTRYCODE = 'JPN';

1. Top Earners  
   Jawaban:

SELECT MAX(earnings), COUNT(\*)

FROM (SELECT salary \* months AS earnings

FROM Employee) AS subquery

WHERE earnings = (SELECT MAX(salary \* months) FROM Employee);

1. Average Population of Each Continent  
   Jawaban:

SELECT CONTINENT, FLOOR(AVG(CITY.POPULATION))

FROM COUNTRY

JOIN CITY ON COUNTRY.CODE = CITY.COUNTRYCODE

GROUP BY CONTINENT;

1. Weather Observation Station 9  
   Jawaban:

SELECT DISTINCT CITY

FROM STATION

WHERE CITY NOT REGEXP '^[AEIOU]';

1. Higher Than 75 Marks  
   Jawaban:

SELECT Name

FROM STUDENTS

WHERE Marks > 75

ORDER BY RIGHT(Name, 3), ID;

1. Average Population

Jawaban:

SELECT FLOOR(AVG(POPULATION))

FROM CITY;

**SCREENSHOT PROFILE HACKERRANK** (next page)

**A screenshot of a computer

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