

# LATIHAN SQL REFRESHER – 12 FEBRUARI 2024

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## 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 menggunakan 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;`
2. Revising the Select Query II  
Jawaban: `select name from CITY where countrycode='USA' and population>120000;`
3. Select All  
Jawaban: `select * from CITY;`
4. Population Census  
Jawaban: `select sum(city.population) from city, country where city.countrycode=country.code and country.continent='Asia';`
5. Japanese Cities' Attributes  
Jawaban: `select * from CITY where countrycode='JPN';`
6. Top Earners  
Jawaban: `select salary*months, count(*) from employee group by salary*months order by salary*months desc limit 1;`
7. Average Population of Each Continent  
Jawaban: `select country.continent, floor(avg(city.population)) from city, country where city.countrycode=country.code group by country.continent;`
8. Weather Observation Station 9  
Jawaban: `select distinct city from station where city not regexp '^[AEIOUaeiou]';`
9. Higher Than 75 Marks  
Jawaban: `select name from students where marks>75 order by substring(name, char_length(name)-2, 3), id;`
10. Average Population  
Jawaban: `select floor(avg(population)) from city;`

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Daniel Christian

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