-- Soal #1.1

select \* from city;

SELECT ID, Name, CountryCode, District, Population from city

where CountryCode = 'IDN'

ORDER BY Population desc

limit 10;

-- Soal #1.2

select city.id, city.Name as nama\_kota, city.District as district, country.name as negara, country.Population

from city inner join country

on city.CountryCode = country.Code

ORDER BY city.population desc

limit 10;

-- Soal #1.3

select distinct country.Code, country.Name, country.Continent, country.region, country.IndepYear as tahun\_merdeka

from country inner join city

on city.CountryCode = country.Code

where country.IndepYear is not null

ORDER BY country.Indepyear ASC

limit 10;

-- Soal #1.4

select country.Continent, count(country.Continent) as Jumlah\_Negara, country.Population as Populasi, AVG(LifeExpectancy) as Rata\_AngkaHrpnHdp

from country

GROUP BY Continent

HAVING COUNT(Continent) > 10

ORDER BY country.Continent ASC;

-- Soal #5

select country.name as Nama, country.Continent as Benua, country.LifeExpectancy as AngkaHarapanHidup, country.GNP

from country

where country.Continent = 'Asia'

ORDER BY country.LifeExpectancy desc;

-- Soal #1.6

select \* from countrylanguage;

select countrylanguage.CountryCode, country.name, countrylanguage.Language, countrylanguage.IsOfficial, countrylanguage.Percentage

from countrylanguage inner join country

on countrylanguage.CountryCode = country.Code

where countrylanguage.Language = 'English' and countrylanguage.IsOfficial = 'T'

order by countrylanguage.Percentage desc

limit 10;

-- Soal #1.7

CREATE TABLE CapitalCity

SELECT country.Capital as Capital\_ID, city.Name as Capital\_Name, city.Population, city.CountryCode

from country join city

on country.Capital = city.ID;

select \* from capitalcity;

select country.name as Negara\_ASEAN, country.Population as Populasi\_Negara,

country.GNP, capitalcity.Capital\_Name as Ibukota, capitalcity.Population as Populasi\_Ibukota

from country join capitalcity

on country.Capital = capitalcity.Capital\_ID

where country.Region = 'Southeast Asia'

group by country.name;

-- Soal #1.8

CREATE TABLE `world`.`g20\_list` (

`id` INT NOT NULL,

`name` VARCHAR(45) NULL,

PRIMARY KEY (`id`));

ALTER TABLE `world`.`g20\_list`

CHANGE COLUMN `id` `id` INT(11) NOT NULL AUTO\_INCREMENT ;

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Argentina');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Australia');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Brazil');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Canada');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('China');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('France');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Germany');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('India');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Indonesia');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Italia');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Japan');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Mexico');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Russian Federation');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Saudi Arabia');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('South Africa');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('South Korea');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('Turkey');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('United Kingdom');

INSERT INTO `world`.`g20\_list` (`name`) VALUES ('United States');

select \* from g20\_list;

select g20\_list.name as Negara\_G20, country.Population as Populasi\_Negara, country.GNP, capitalcity.Capital\_Name as Ibukota, capitalcity.Population as Populasi\_Ibukota

from g20\_list join country

on g20\_list.name = country.name

join capitalcity

on country.Capital = capitalcity.Capital\_ID

order by country.GNP desc

limit 20;

-- buat database ASEAN untuk Soal #2

create table ASEANcountries

select country.name as Negara\_ASEAN, country.Population as Populasi\_Negara,

country.GNP, capitalcity.Capital\_Name as Ibukota, capitalcity.Population as Populasi\_Ibukota

from country join capitalcity

on country.Capital = capitalcity.Capital\_ID

where country.Region = 'Southeast Asia'

group by country.name;