1. select
   1. where
   2. or
   3. and
   4. order by
   5. limit, skip
   6. not
   7. like
   8. regex
2. functions
   1. between
   2. in
   3. round
   4. concat
   5. date format
      1. https://www.w3schools.com/sql/func\_mysql\_date\_format.asp
   6. date sub
      1. https://www.w3schools.com/sql/func\_mysql\_date\_sub.asp
   7. if
   8. case
3. group by with
   1. count
   2. sum
   3. avg
   4. min
   5. max
   6. having
4. joins
   1. inner
   2. left
   3. right
5. subquery

TK 1:

find all countries with in Southern Europe Region with LifeExpectancy lass then 70

and sort by Population

TK 2:

**world**

1. in city table show me the country of the city

SELECT \* FROM city

INNER JOIN country ON city.CountryCode = country.Code

1. on country table display the language

SELECT country.name, countrylanguage.Language FROM country

INNER JOIN countrylanguage ON countrylanguage.CountryCode = country.Code

**sakila**

1. in actors table count how many actor names begins with latter a

SELECT COUNT(\*)

FROM actor

WHERE first\_name LIKE 'a%'

1. in film table if rating
   1. lass then 1 then write meh
   2. lass then 3 then write ok
   3. more then 3 then write cool

**SELECT** title,**case**

**when** rental\_rate < 1 **then** 'meh'

**when** rental\_rate < 3 **then** 'ok'

**ELSE** 'cool'

**END** **AS** rating

**FROM** film

TK 3:

find the country with the most spoken languages

HW:

world

1. find the biggest countries
2. count how many cities each country has
3. what is the most spoken language in the world!

sakila

1. display category of each film
2. find the film that has the most categories
3. \* display full name of actors