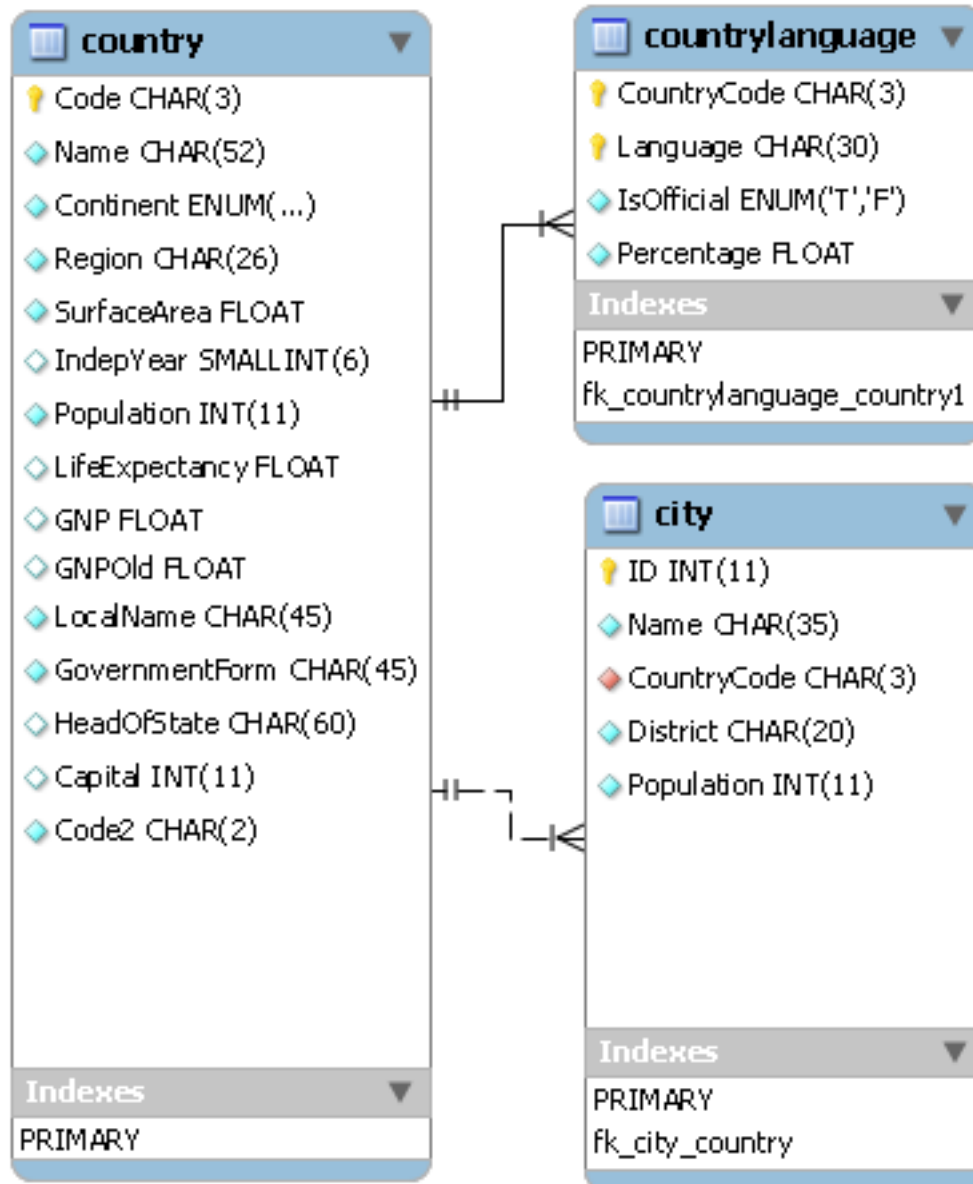


WORLD STATS TEST TASK

Example “World” database contains various statistics about world countries, cities and languages used. It has the following structure:



Your task is to render summary table containing the following info for each region:

- Continent name
- Region name
- Number of countries
- Average life duration (expectancy) in years
- Total population
- Number of cities
- Number of regional languages.

Table should be rendered using HTML/CSS/JavaScript and contain emphasized header row and multiple data rows. User should be able to sort table by any column (ascending / descending) by clicking on corresponding column header. Table sorting must be performed **without** page reloading (using AJAX).

Technologies to use:

Basic

1. **PHP** (7.3+ installed on server) to dump data from database and push it to the client;
2. **Backend:** Laravel and others.
3. **JavaScript/HTML** for client-side table rendering;
4. **CSS** for applying visual style to the table;
5. **JavaScript/AJAX/DOM/JQuery** for on-page sorting and table reconfiguration;

Preferred

1. Docker environment.
2. Vue2/3 for client-side
3. Auto create tables

Result table could be looking like the one below:

World database test

Continent	Region	Countries	LifeDuration	Population	Cities	Languages
Asia	Eastern Asia	8	75.25	1507328000	740	43
Asia	Middle East	18	70.57	188380700	174	48
Asia	Southern and Central Asia	14	61.35	1490776000	555	83
Asia	Southeast Asia	11	64.40	518541000	297	65
Europe	Nordic Countries	7	78.33	24166400	35	29
Europe	Western Europe	9	78.26	183247600	186	46
Europe	Southern Europe	15	76.53	144674200	156	45
Europe	British Islands	2	77.25	63398500	83	5
Europe	Eastern Europe	10	69.93	307026000	371	61
Europe	Baltic Countries	3	69.00	7561900	10	16
North America	Central America	8	71.02	135221000	196	35
North America	North America	5	75.82	309632000	327	28
North America	Caribbean	24	73.06	38140000	58	46
Africa	Western Africa	17	52.74	221672000	105	102
Africa	Southern Africa	5	44.82	46886000	49	29
Africa	Northern Africa	7	65.39	173266000	102	22
Africa	Central Africa	9	50.31	95652000	38	55
Africa	Eastern Africa	20	50.81	246999000	72	102
Oceania	Polynesia	10	70.73	633050	12	23
Oceania	Melanesia	5	67.14	6472000	5	13
Oceania	Australia and New Zealand	5	78.80	22753100	27	15
Oceania	Micronesia	7	68.09	543000	11	30
Oceania	Micronesia/Caribbean	1				1
Antarctica	Antarctica	5				
South America	South America	14	70.95	345780000	470	42