

Databases

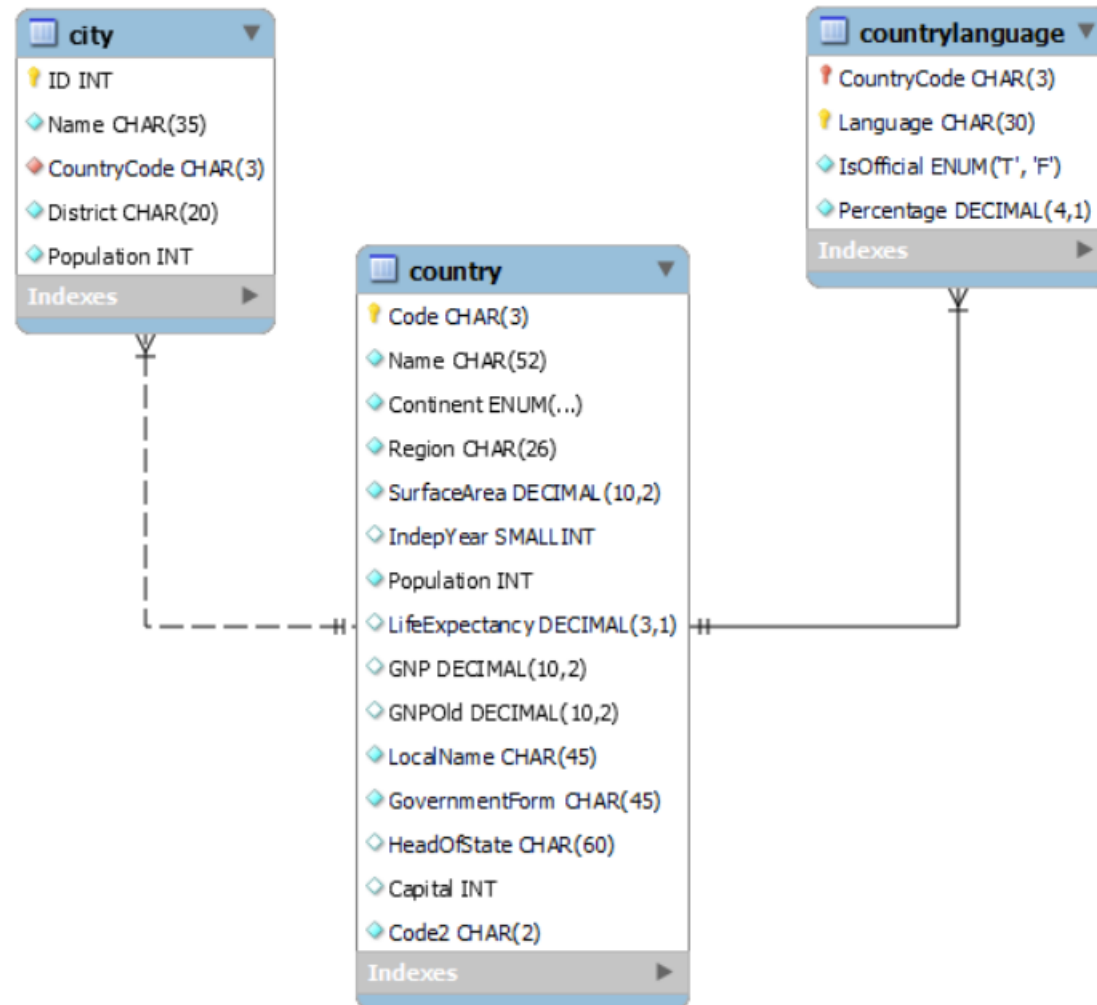
Week 3



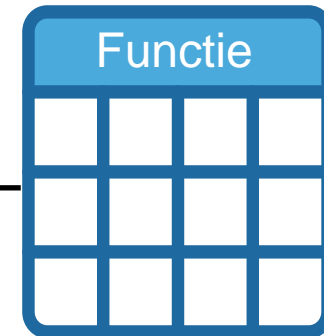
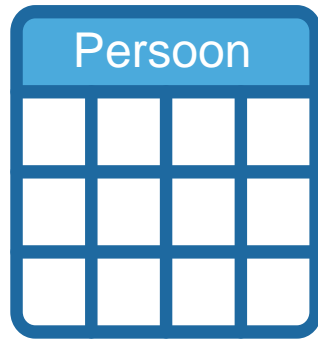
NORMALISEREN

#	Voornaam	Achternaam	Functie
1	Adnan	Kazan	Docent
2	Jeroen	Koomen	Manager
3	Pieter	Leek	Docent
4	Hans	Kazan	Goochelaar
5	Saskia	Bleezer	Manaager

World database – de laatste keer



SLEUTELS



#	Voornaam	Achternaam	FunctieID
1	Adnan	Kazan	2
2	Jeroen	Koomen	1
3	Pieter	Leek	2
4	Hans	Kazan	3

FunctieID	Naam
1	Manager
2	Docent
3	Goochelaar

Primary key

Foreign key

1 • SELECT * FROM country

2

Primary key = Uniek

100%



22:1

Result Grid



Filter Rows:



Search

Edit:



Export/Import:



Code	Name	Continent	Region	SurfaceArea	IndepYear	Population	LifeExpectan...	G
ABW	Aruba	North America	Caribbean	193.00	NULL	103000	78.4	8
AFG	Afghanistan	Asia	Southern and Central Asia	652090.00	1919	22720000	45.9	5
AGO	Angola	Africa	Central Africa	1246700.00	1975	12878000	38.3	6
AIA	Anguilla	North America	Caribbean	96.00	NULL	8000	76.1	6
ALB	Albania	Europe	Southern Europe	28748.00	1912	3401200	71.6	3
AND	Andorra	Europe	Southern Europe	468.00	1278	78000	83.5	1
ANT	Netherlands Antilles	North America	Caribbean	800.00	NULL	217000	74.7	1
ARE	United Arab Emirates	Asia	Middle East	83600.00	1971	2441000	74.1	3
ARG	Argentina	South America	South America	2780400.00	1816	37032000	75.1	3
ARM	Armenia	Asia	Middle East	29800.00	1991	3520000	66.4	1
ASM	American Samoa	Oceania	Polynesia	199.00	NULL	68000	75.1	3
ATA	Antarctica	Antarctica	Antarctica	13120000.00	NULL	0	NULL	0
ATF	French Southern ter...	Antarctica	Antarctica	7780.00	NULL	0	NULL	0

```
1 • SELECT * FROM city
```

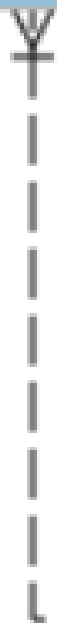
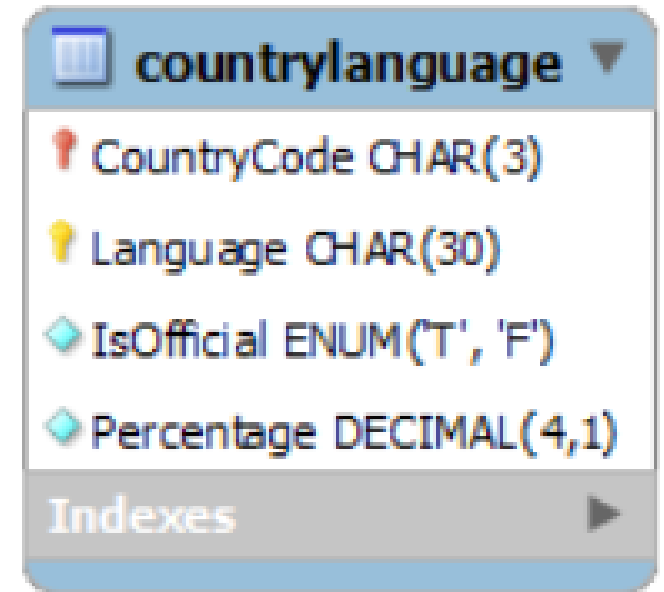
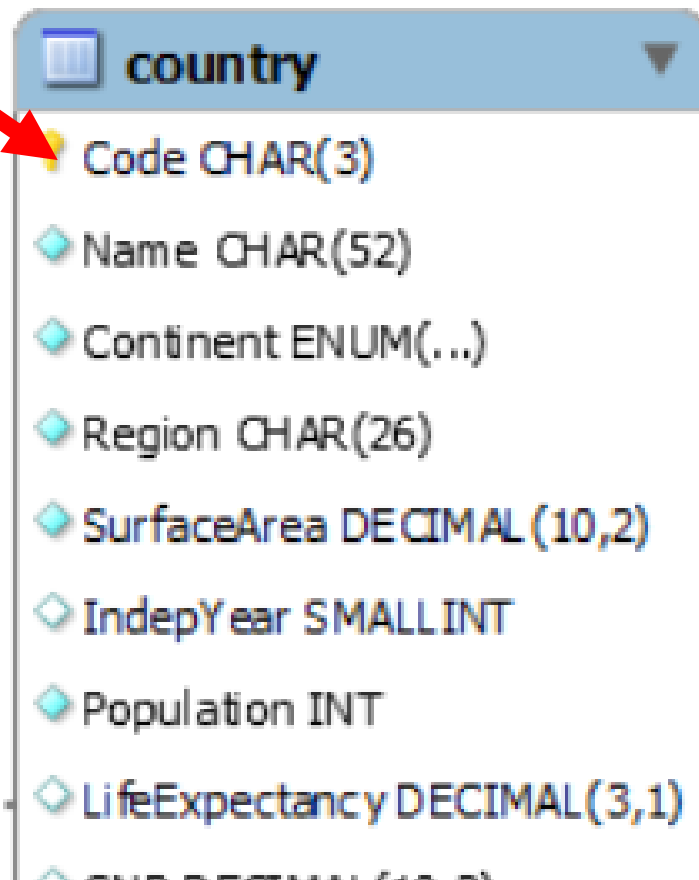
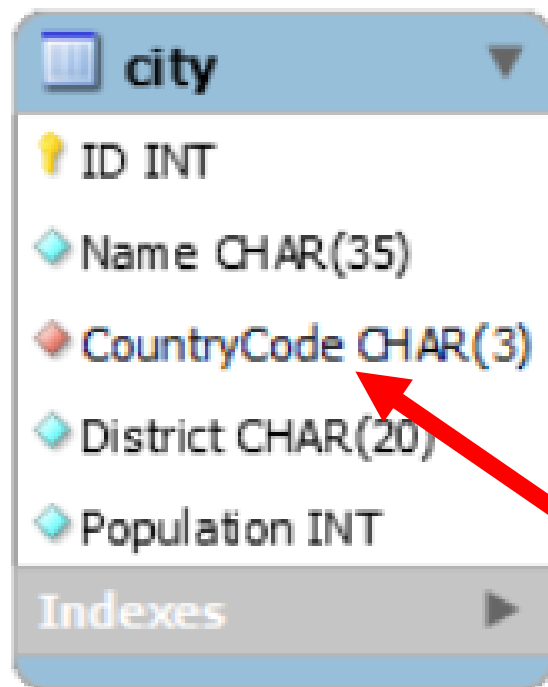
```
2
```

Primary key van andere tabel = foreign key

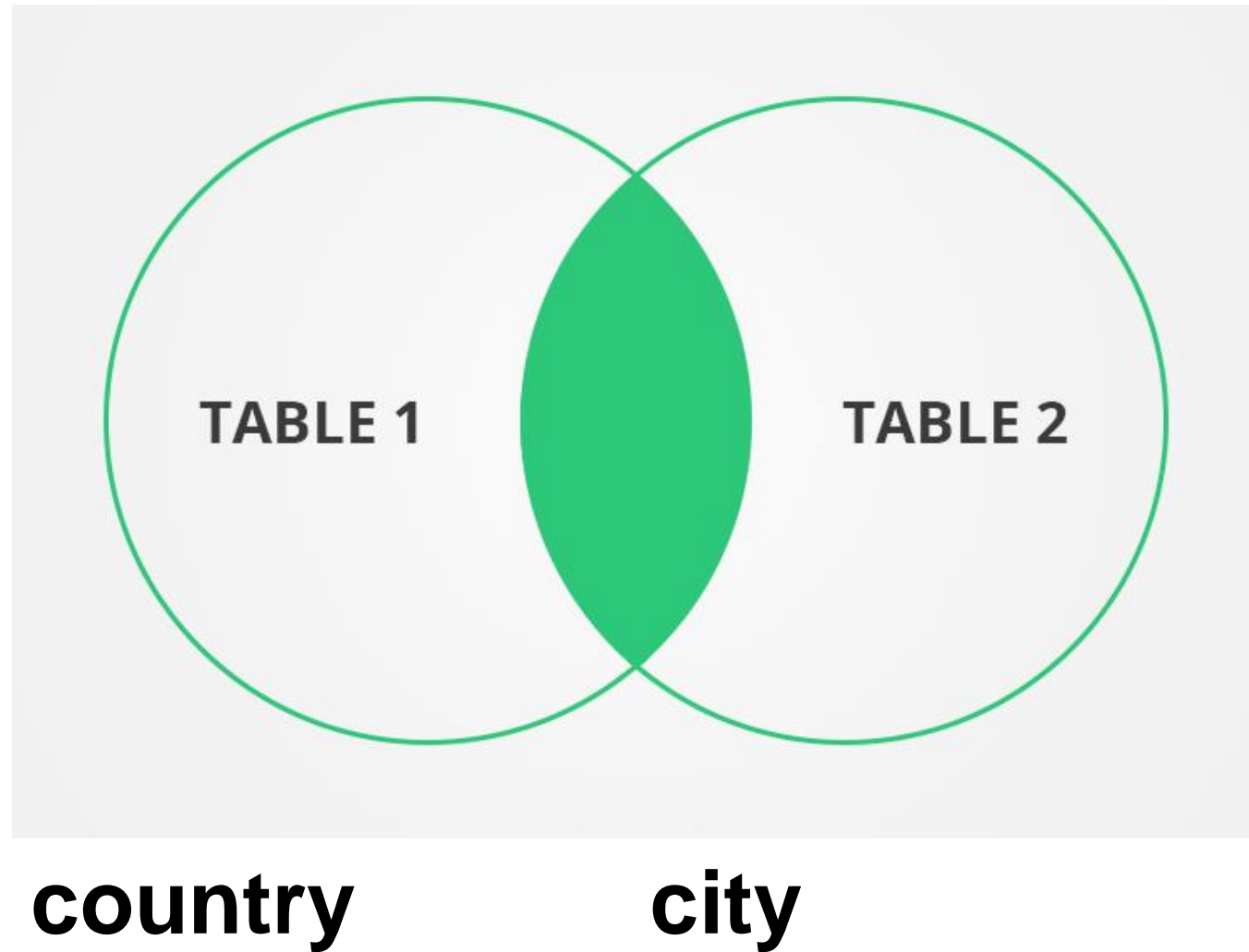
100% 1:2

Result Grid Filter Rows: Search Edit: Export/Import: Fetch rows:

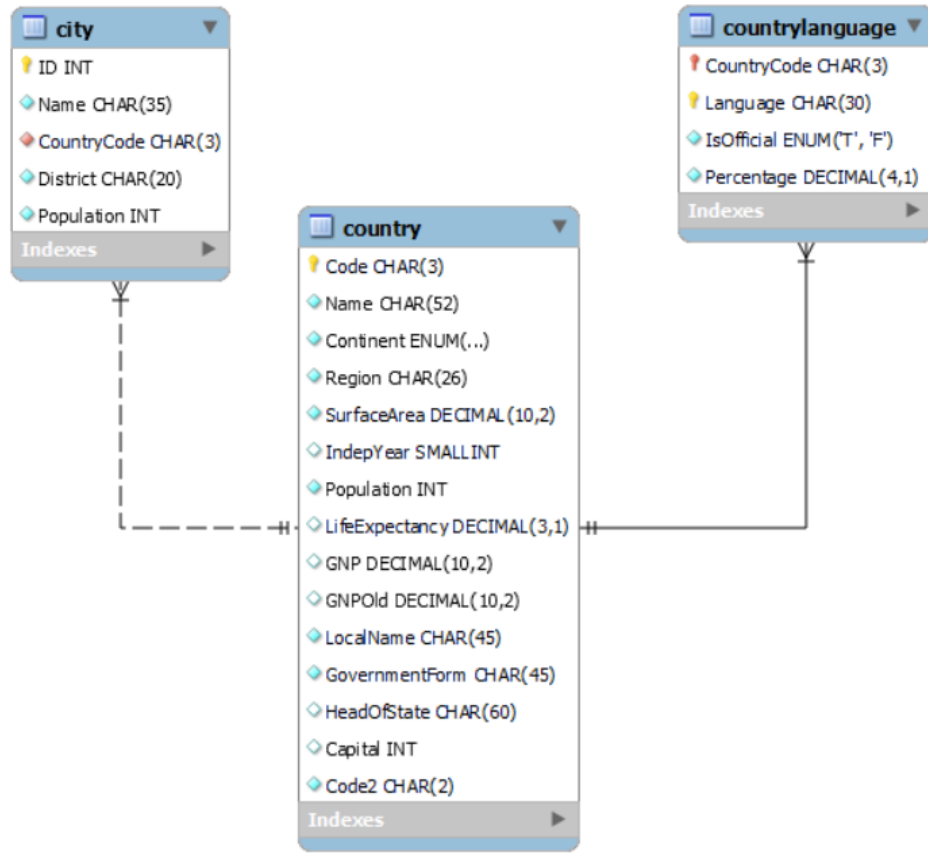
ID	Name	CountryCode	District	Population
1	Kabul	AFG	Kabul	1780000
2	Qandahar	AFG	Qandahar	237500
3	Herat	AFG	Herat	186800
4	Mazar-e-Sharif	AFG	Balkh	127800
5	Amsterdam	NLD	Noord-Holland	731200
6	Rotterdam	NLD	Zuid-Holland	593321
7	Haag	NLD	Zuid-Holland	440900
8	Utrecht	NLD	Utrecht	234323
9	Eindhoven	NLD	Noord-Brabant	201843
10	Tilburg	NLD	Noord-Brabant	193238
11	Groningen	NLD	Groningen	172701
12	Breda	NLD	Noord-Brabant	160398
13	Apeldoorn	NLD	Gelderland	153491
14	Nijmegen	NLD	Gelderland	152463
15	Enschede	NLD	Overijssel	149544
16	Haarlem	NLD	Noord-Holland	148772
17	Almere	NLD	Flevoland	142465



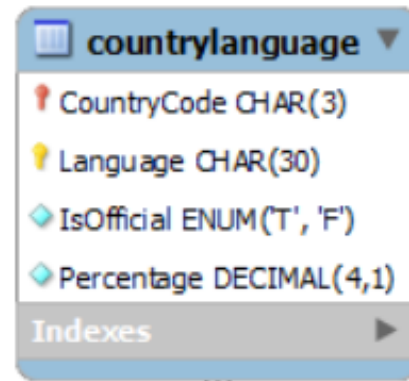
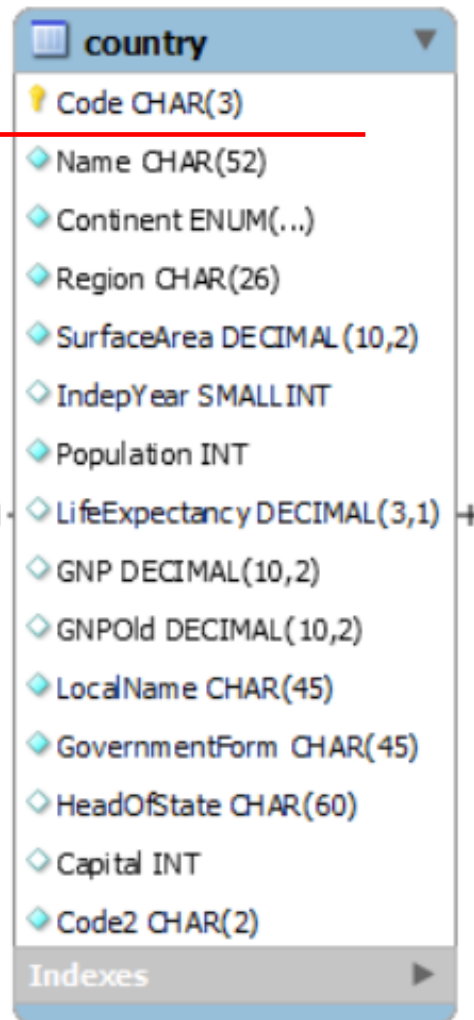
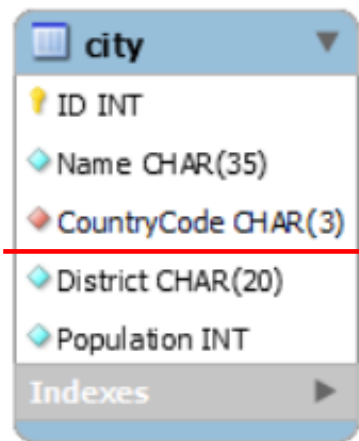
INNER JOIN



INNER JOIN



```
SELECT  
city.Name, country.Name  
FROM  
country  
INNER JOIN  
city  
ON  
country.Code = city.CountryCode  
WHERE  
country.Code = 'BRA'
```



city
ON

country.Code = city.CountryCode
WHERE

country.Code = 'BRA'

```
1 • SELECT
2   city.Name, country.Name
3   FROM
4   country
5   INNER JOIN
6   city
7   ON
8   country.Code = city.CountryCode
9   WHERE
10  country.Code = 'BRA'
```

11

100%



2:11

Result Grid



Filter Rows:







Search

Export:

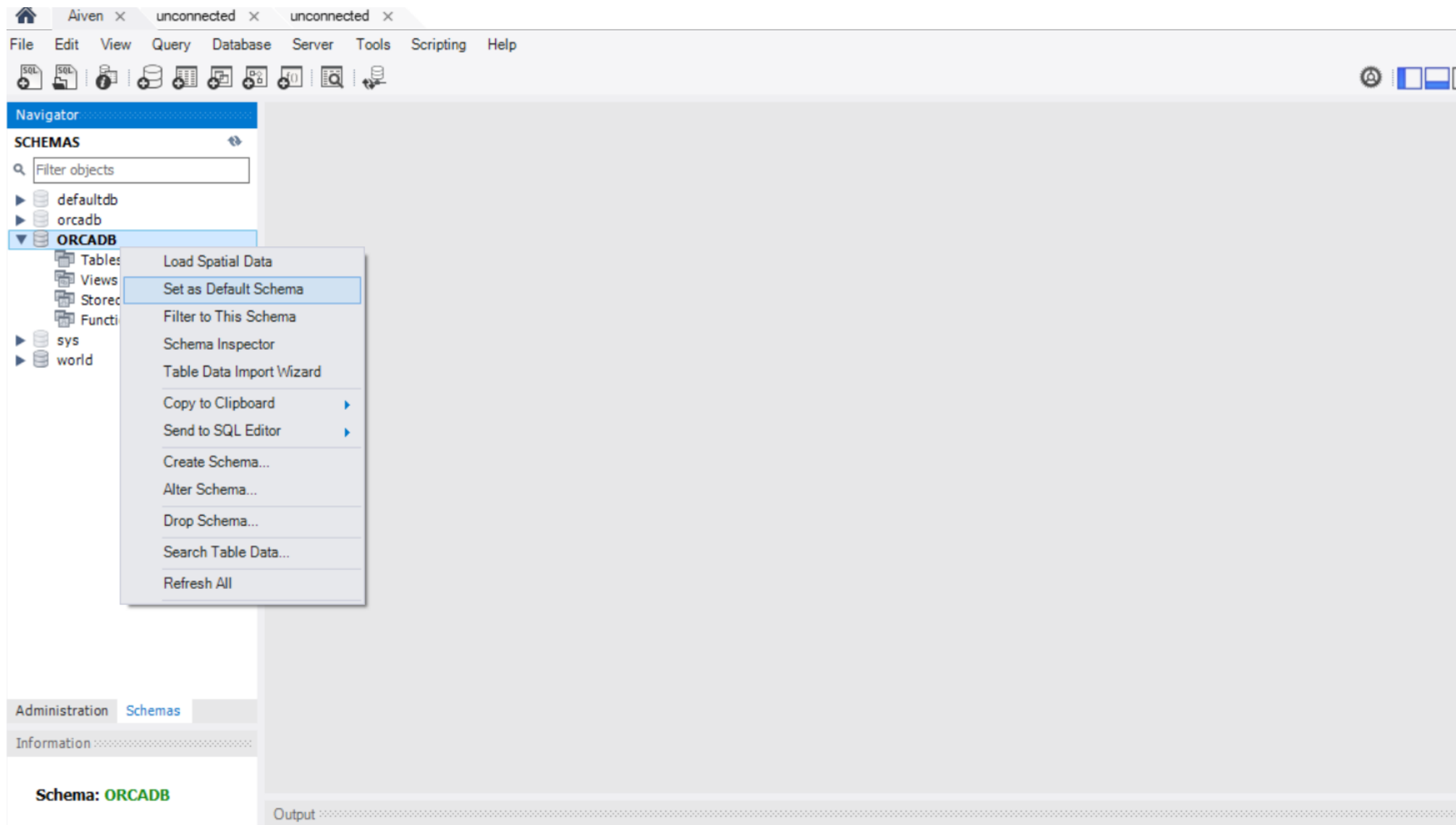


	Name	Name	
	São Paulo	Brazil	
	Rio de Janeiro	Brazil	
	Salvador	Brazil	
	Belo Horizonte	Brazil	
	Fortaleza	Brazil	
	Brasília	Brazil	
	Curitiba	Brazil	
	Recife	Brazil	
	Porto Alegre	Brazil	
	Manaus	Brazil	
	Belém	Brazil	
	Guarulhos	Brazil	
	Goiânia	Brazil	
	Campinas	Brazil	
	São Gonçalo	Brazil	
	Nova Iguaçu	Brazil	
	São Luís	Brazil	
	Maceió	Brazil	
	Duque de Caxias	Brazil	
	São Bernardo do Campo	Brazil	
	Teresina	Brazil	
	Natal	Brazil	
	Osasco	Brazil	

Week 3 andere opdracht, nieuwe database

Documents > General > Lesmateriaal > Databases > Week 3				
 Name ▾	Modified ▾	Modified By ▾	+ Add column	
 import_deze_database.sql	A few seconds ago	Pieter Leek		
 Opdracht 3 Databases.pdf	December 12, 2023	Pieter Leek		
 SQL regiocollege 3.pdf	December 12, 2023	Pieter Leek		

SELECTEER DEFAULT DATABASE



Opdracht week 3

Vandaag

Maak de opdracht van week 3

Volgende week

Oefentoets

Over twee weken

Toetsweek