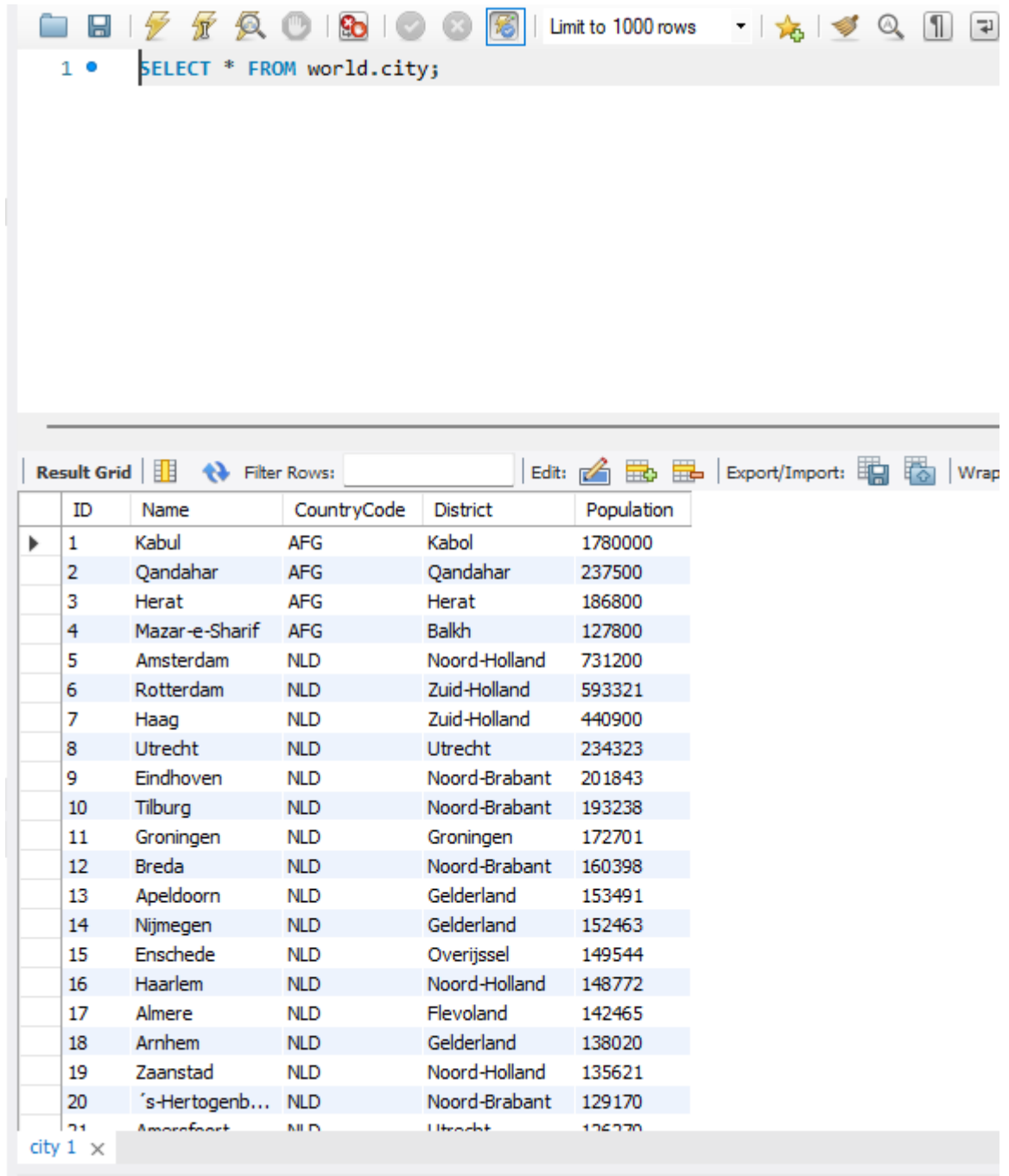


Assignment 5

1. จงเขียนคำสั่งเพื่อดึงข้อมูลทุกคอลัมน์จากร่าง city



The screenshot shows a database query tool interface. At the top, there is a toolbar with various icons for file operations, search, and execution. Below the toolbar, a SQL query is entered in a text area: `SELECT * FROM world.city;`. The query is executed, and the results are displayed in a table below. The table has five columns: ID, Name, CountryCode, District, and Population. The results show a list of cities from Afghanistan (AFG) and the Netherlands (NLD).

Limit to 1000 rows

1 • `SELECT * FROM world.city;`

Result Grid

Filter Rows:

Edit: Export/Import: Wrap

	ID	Name	CountryCode	District	Population
▶	1	Kabul	AFG	Kabol	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
	18	Arnhem	NLD	Gelderland	138020
	19	Zaanstad	NLD	Noord-Holland	135621
	20	's-Hertogenb...	NLD	Noord-Brabant	129170
	21	Amersfoort	NLD	Utrecht	126270

city 1 x

2. จงแสดงรายชื่อเมือง (Name) และเขตการปกครอง (District) ของทุกเมือง

Query 1 city x

Limit to 1000 rows

```
1 SELECT NAME,DISTRICT FROM world.city;
```

Result Grid

Filter Rows:

Export: Wrap Cell Content: Fetch rows:

	NAME	DISTRICT
▶	Kabul	Kabul
	Qandahar	Qandahar
	Herat	Herat
	Mazar-e-Sharif	Balkh
	Amsterdam	Noord-Holland
	Rotterdam	Zuid-Holland
	Haag	Zuid-Holland
	Utrecht	Utrecht
	Eindhoven	Noord-Brabant
	Tilburg	Noord-Brabant
	Groningen	Groningen
	Breda	Noord-Brabant
	Apeldoorn	Gelderland
	Nijmegen	Gelderland
	Enschede	Overijssel
	Haarlem	Noord-Holland
	Almere	Flevoland
	Arnhem	Gelderland
	Zaanstad	Noord-Holland
	's-Hertogenb...	Noord-Brabant
	Amersfoort	Utrecht

city 2 x

Output

3. จงหาชื่อเมืองที่อยู่ในรหัสประเทศ (CountryCode) เป็น 'THA'

Query 1 city city

Limit to 1000 rows

```
1 • SELECT name, CountryCode FROM world.city where CountryCode="THA";
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	name	CountryCode
▶	Bangkok	THA
	Nonthaburi	THA
	Nakhon Ratchasima	THA
	Chiang Mai	THA
	Udon Thani	THA
	Hat Yai	THA
	Khon Kaen	THA
	Pak Kret	THA
	Nakhon Sawan	THA
	Ubon Ratchathani	THA
	Songkhla	THA
	Nakhon Pathom	THA

4. จงหาเมืองที่มีจำนวนประชากร (Population) มากกว่า 1,000,000 คน

Query 1 city city city x

Limit to 1000 rows

```
1 • SELECT NAME,POPULATION FROM world.city where Population>1000000;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	NAME	POPULATION
▶	Kabul	1780000
	Alger	2168000
	Luanda	2022000
	Buenos Aires	2982146
	La Matanza	1266461
	Córdoba	1157507
	Yerevan	1248700
	Sydney	3276207
	Melbourne	2865329
	Brisbane	1291117
	Perth	1096829
	Baku	1787800
	Dhaka	3612850
	Chittagong	1392860
	São Paulo	9968485
	Rio de Janeiro	5598953
	Salvador	2302832
	Belo Horizonte	2139125
	Fortaleza	2097757
	Brasilia	1969868
	Quito	1581227

city 2 x

5. จงหาเมืองในรหัสประเทศ (CountryCode) เป็น 'BEL' และที่มีจำนวนประชากร (Population) มากกว่า 2,000,000 คน

The screenshot shows a database query tool interface. At the top, there are tabs labeled 'Query 1', 'city', 'city', 'city', and 'city'. Below the tabs is a toolbar with various icons for file operations, editing, and execution. A dropdown menu shows 'Limit to 1000 rows'. The main area contains a SQL query:

```
1 • SELECT *FROM world.city WHERE CountryCode = 'BEL'AND Population > 2000000;
```

Below the query is a 'Result Grid' section. It includes a 'Filter Rows' input field, an 'Edit' button, and an 'Export/Import' button. The result grid itself is empty, with the following headers:

ID	Name	CountryCode	District	Population
*	NULL	NULL	NULL	NULL

6. จงแสดงชื่อประเทศ (Name) และทวีป (Continent) ของทุกประเทศ

Query 1 city city city city

Limit to 1000 rows

```
1 • SELECT Name, Continent FROM Country;
```

2

Result Grid Filter Rows: Export: Wrap Cell Center

	Name	Continent
▶	Aruba	North America
	Afghanistan	Asia
	Angola	Africa
	Anguilla	North America
	Albania	Europe
	Andorra	Europe
	Netherlands Antilles	North America
	United Arab Emirates	Asia
	Argentina	South America
	Armenia	Asia
	American Samoa	Oceania
	Antarctica	Antarctica
	French Southern ter...	Antarctica
	Antigua and Barbuda	North America
	Australia	Oceania
	Austria	Europe
	Azerbaijan	Asia
	Burundi	Africa
	Belgium	Europe
	Benin	Africa
	Burkina Faso	Africa

7. จงหาข้อมูลของประเทศที่ตั้งอยู่ในทวีป 'Asia'

Query 1 city city city city

Limit to 1000 rows

1 • SELECT *FROM Country WHERE Continent = 'Asia';

2

Result Grid

Code	Name	Continent	Region	SurfaceArea	IndepYear	Population	LifeExpectancy	GNP	GNPOld	LocalName	GovernmentForm	HeadOfState	Capital	Code
AFG	Afghanistan	Asia	Southern and Central Asia	652090.00	1919	22720000	45.9	5976.00	10000	Afghanistan/Afghanistan	Islamic Emirate	Mohammad Omar	1	AF
ARE	United Arab Emirates	Asia	Middle East	83600.00	1971	2441000	74.1	37966.00	36846.00	Al-Imarat al-'Arabiya al-Muttahida	Emirate Federation	Zayid bin Sultan al-Nahayan	65	AE
ARM	Armenia	Asia	Middle East	29800.00	1991	3520000	66.4	1813.00	1627.00	Hajastan	Republic	Robert Kotdjarjan	126	AM
AZE	Azerbaijan	Asia	Middle East	86600.00	1991	7734000	62.9	4127.00	4100.00	Azərbaycan	Federal Republic	Heydər Əliyev	144	AZ
BGD	Bangladesh	Asia	Southern and Central Asia	143998.00	1971	129155000	60.2	32852.00	31966.00	Bangladesh	Republic	Shahabuddin Ahmad	150	BD
BHR	Bahrain	Asia	Middle East	694.00	1971	617000	73.0	6366.00	6097.00	Al-Baḥrayn	Monarchy (Emirate)	Hamad ibn Isa al-Khalifa	149	BH
BRN	Brunei	Asia	Southeast Asia	5765.00	1984	328000	73.6	11705.00	12460.00	Brunei Darussalam	Monarchy (Sultanate)	Haj Hassan al-Bolkiah	538	BN
BTN	Bhutan	Asia	Southern and Central Asia	47000.00	1910	2124000	52.4	372.00	383.00	Druk-Yul	Monarchy	Jigme Singye Wangchuk	192	BT
CHN	China	Asia	Eastern Asia	9572900.00	-1523	1277558000	71.4	982268.00	917719.00	Zhongguo	People's Republic	Jiang Zemin	1891	CN
CYP	Cyprus	Asia	Middle East	9251.00	1960	754700	76.7	9333.00	8246.00	Kıpros/Kıbrıs	Republic	Glafcos Klerides	2430	CY
GEO	Georgia	Asia	Middle East	69700.00	1991	4968000	64.5	6064.00	5924.00	Sakartvelo	Republic	Eduard Ševardnadze	905	GE
HKG	Hong Kong	Asia	Eastern Asia	1075.00	1000	6782000	79.5	166448.00	173610.00	Xianggang/Hong Kong	Special Administrative Region	Jiang Zemin	937	HK
IDN	Indonesia	Asia	Southeast Asia	1904569.00	1945	212107000	68.0	84982.00	215002.00	Indonesia	Republic	Abdurrahman Wahid	939	ID
IND	India	Asia	Southern and Central Asia	3287263.00	1947	1013662000	62.5	447114.00	430572.00	Bharat/India	Federal Republic	Kocheril Raman Narayanan	1109	IN
IRN	Iran	Asia	Southern and Central Asia	1648195.00	1906	67702000	69.7	195746.00	160151.00	Iran	Islamic Republic	Ali Mohammad Khatami-Ard...	1380	IR
IRQ	Iraq	Asia	Middle East	438317.00	1932	23115000	66.5	11500.00	10000	Al-'Iraq	Republic	Saddam Hussein al-Takriti	1365	IQ
ISR	Israel	Asia	Middle East	21056.00	1948	6217000	78.6	97477.00	98577.00	Yisra'el/Israel	Republic	Moshe Katzav	1450	IL
JOR	Jordan	Asia	Middle East	88946.00	1946	5083000	77.4	7526.00	7051.00	Al-Urdunn	Constitutional Monar...	Abdullah II	1786	JO
JPN	Japan	Asia	Eastern Asia	377829.00	-660	126714000	80.7	3787042.00	4192638.00	Nihon/Nippon	Constitutional Monar...	Akihito	1532	JP
KAZ	Kazakhstan	Asia	Southern and Central Asia	2224000.00	1991	14772000	67.9	14972.00	77597.00	Qazaqstan	Republic	Nursyn Nazarbayev	1824	KZ

Country 7 x

Apply

8. จงหาชื่อประเทศที่อยู่ในภูมิภาค (Region) 'Southeast Asia' และมีประชากรมากกว่า 50 ล้านคน

Query 1 city city city city

Limit to 1000 rows

1 • SELECT Name,region,population FROM Country WHERE Region = 'Southeast Asia'AND Population > 50000000;

2

Result Grid

Name	region	population
Indonesia	Southeast Asia	212107000
Philippines	Southeast Asia	75967000
Thailand	Southeast Asia	61399000
Vietnam	Southeast Asia	79832000

9. จงหาชื่อประเทศที่มีอายุขัยเฉลี่ย (LifeExpectancy) สูงกว่า 80 ปี

Query 1 city city city city

Limit to 1000 rows

```
1 • SELECT Name,lifeExpectancy FROM Country WHERE LifeExpectancy > 80;
```

2

Result Grid

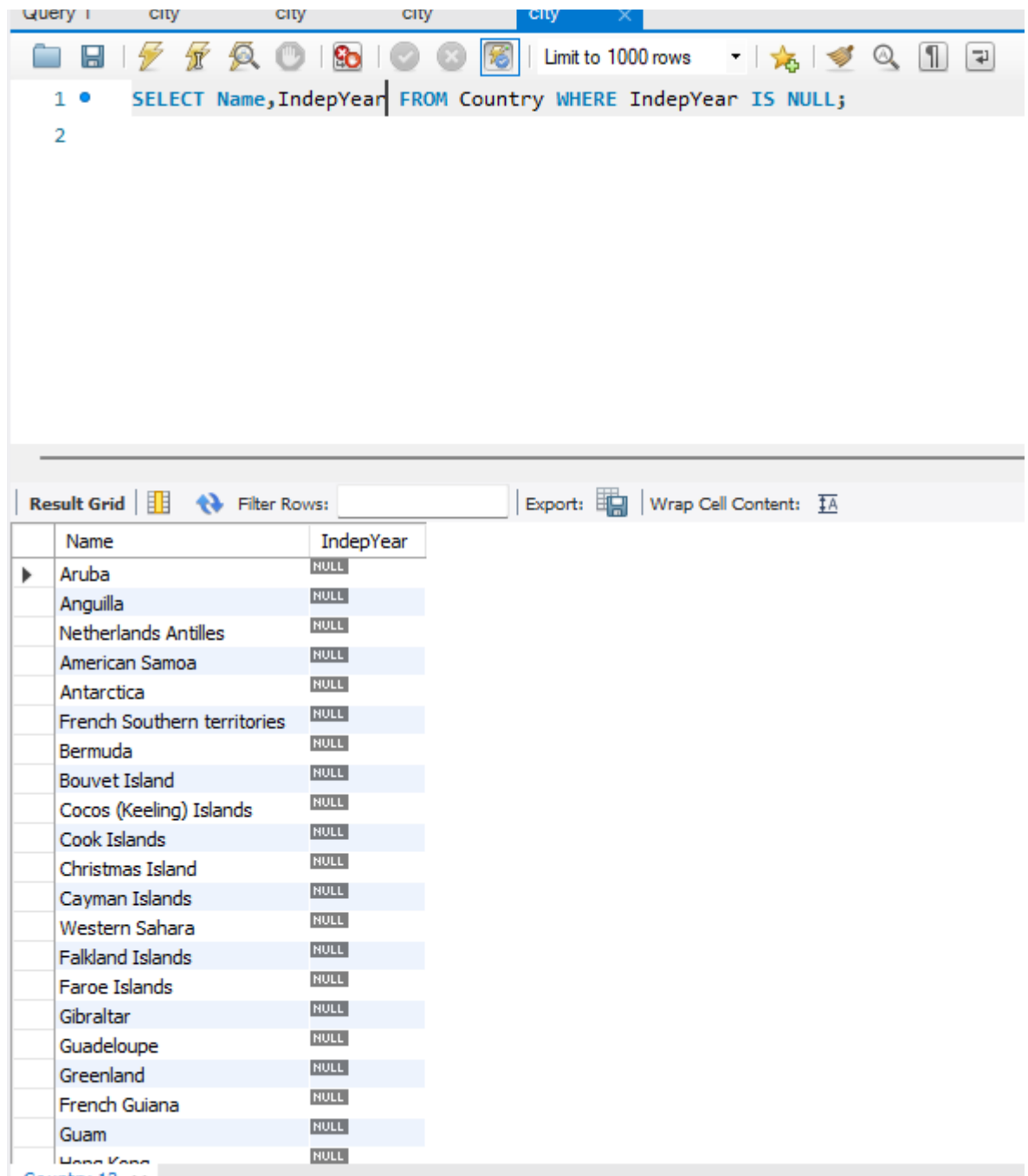
Filter Rows:

Export:

Wrap Cell Content:

	Name	lifeExpectancy
►	Andorra	83.5
	Japan	80.7
	Macao	81.6
	Singapore	80.1
	San Marino	81.1

10. จงหาชื่อประเทศที่ไม่มีข้อมูลปีที่ได้รับเอกราช (IndepYear เป็น NULL)



The screenshot shows a database query interface. At the top, there are tabs labeled 'Query 1', 'city', 'city', 'city', and 'city'. Below the tabs is a toolbar with various icons. The main area displays a SQL query:

```
1 • SELECT Name,IndepYear FROM Country WHERE IndepYear IS NULL;
2
```

Below the query, there is a 'Result Grid' section. It includes a 'Filter Rows:' input field, an 'Export:' button, and a 'Wrap Cell Content:' checkbox. The result grid shows a table with two columns: 'Name' and 'IndepYear'. The 'IndepYear' column contains 'NULL' for all rows. The rows are listed as follows:

Name	IndepYear
Aruba	NULL
Anguilla	NULL
Netherlands Antilles	NULL
American Samoa	NULL
Antarctica	NULL
French Southern territories	NULL
Bermuda	NULL
Bouvet Island	NULL
Cocos (Keeling) Islands	NULL
Cook Islands	NULL
Christmas Island	NULL
Cayman Islands	NULL
Western Sahara	NULL
Falkland Islands	NULL
Faroe Islands	NULL
Gibraltar	NULL
Guadeloupe	NULL
Greenland	NULL
French Guiana	NULL
Guam	NULL
Hong Kong	NULL

11. จงหาชื่อประเทศที่มีค่า GNP ในปัจจุบัน มากกว่าค่า GNP เก่า (GNPold)

Query 1 city city city city

Limit to 1000 rows

```
1 • SELECT Name, GNP, GNPold FROM Country WHERE GNP > GNPold;
```

2

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Name	GNP	GNPold
▶	Aruba	828.00	793.00
	Albania	3205.00	2500.00
	United Arab Emirates	37966.00	36846.00
	Argentina	340238.00	323310.00
	Armenia	1813.00	1627.00
	Antigua and Barbuda	612.00	584.00
	Austria	211860.00	206025.00
	Azerbaijan	4127.00	4100.00
	Belgium	249704.00	243948.00
	Benin	2357.00	2141.00
	Burkina Faso	2425.00	2201.00
	Bangladesh	32852.00	31966.00
	Bulgaria	12178.00	10169.00
	Bahrain	6366.00	6097.00
	Bahamas	3527.00	3347.00
	Belize	630.00	616.00
	Bermuda	2328.00	2190.00
	Bolivia	8571.00	7967.00
	Barbados	2223.00	2186.00
	Central African Rep...	1054.00	993.00
	Switzerland	764478.00	756007.00

Country 14 x

12. จงแสดงภาษา (Language) ทั้งหมดที่ใช้ในรหัสประเทศ 'USA'

The screenshot shows a database query tool interface. At the top, there are tabs labeled 'Query 1', 'city', 'city', 'city', and 'city'. Below the tabs is a toolbar with various icons for file operations, execution, and viewing. A dropdown menu shows 'Limit to 1000 rows'. The main area displays a SQL query:

```
1 • SELECT Language, countrycode FROM CountryLanguage WHERE CountryCode = 'USA';
```

Below the query, the 'Result Grid' is visible. It has a 'Filter Rows' input field and an 'Export' button. The grid shows the following data:

	Language	countrycode
▶	Chinese	USA
	English	USA
	French	USA
	German	USA
	Italian	USA
	Japanese	USA
	Korean	USA
	Polish	USA
	Portuguese	USA
	Spanish	USA
	Tagalog	USA
	Vietnamese	USA

13. จงหาภาษาที่เป็นภาษาทางการ (IsOfficial = 'T')

Query 1 city city city city city ×

Limit to 1000 rows

```
1 • SELECT *FROM CountryLanguage WHERE IsOfficial = 'T';
```

2

Result Grid Filter Rows: Edit: Export/Import:

	CountryCode	Language	IsOfficial	Percentage
	ABW	Dutch	T	5.3
	AFG	Dari	T	32.1
	AFG	Pashto	T	52.4
	AIA	English	T	0.0
	ALB	Albaniana	T	97.9
	AND	Catalan	T	32.3
	ANT	Dutch	T	0.0
	ANT	Papiamento	T	86.2
	ARE	Arabic	T	42.0
	ARG	Spanish	T	96.8
	ARM	Armenian	T	93.4
	ASM	English	T	3.1
	ASM	Samoan	T	90.6
	ATG	English	T	0.0
	AUS	English	T	81.2
	AUT	German	T	92.0
	AZE	Azerbaijani	T	89.0
	BDI	French	T	0.0
	BDI	Kirundi	T	98.1
	BEL	Dutch	T	59.2
	BEL	French	T	37.6

CountryLanguage 16 ×

14. จงหาภาษาที่มีสัดส่วนการใช้ (Percentage) มากกว่า 50% ขึ้นไป

Query 1 city city city city

Limit to 1000 rows

```
1 • SELECT *FROM CountryLanguage WHERE Percentage > 50;
2
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content

	CountryCode	Language	IsOfficial	Percentage
▶	ABW	Papiamento	F	76.7
	AFG	Pashto	T	52.4
	ALB	Albaniana	T	97.9
	ANT	Papiamento	T	86.2
	ARG	Spanish	T	96.8
	ARM	Armenian	T	93.4
	ASM	Samoan	T	90.6
	ATG	Creole English	F	95.7
	AUS	English	T	81.2
	AUT	German	T	92.0
	AZE	Azerbaijani	T	89.0
	BDI	Kirundi	T	98.1
	BEL	Dutch	T	59.2
	BFA	Mossi	F	50.2
	BGD	Bengali	T	97.7
	BGR	Bulgariana	T	83.2
	BHR	Arabic	T	67.7
	BHS	Creole English	F	89.7
	BIH	Serbo-Croatian	T	99.2
	BLR	Belorussian	T	65.6
	BLZ	English	T	50.0

CountryLanguage 17

15. จงหาภาษาที่ไม่ใช่ภาษาทางการ (IsOfficial = 'F') แต่มีสัดส่วนการใช้มากกว่า 30%

Query 1 city city city city

Limit to 1000 rows

```
1 • SELECT *FROM CountryLanguage WHERE IsOfficial = 'F'AND Percentage > 30;
2
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	CountryCode	Language	IsOfficial	Percentage
▶	ABW	Papiamentu	F	76.7
	AGO	Ovimbundu	F	37.2
	AND	Spanish	F	44.6
	ATG	Creole English	F	95.7
	BEN	Fon	F	39.8
	BFA	Mossi	F	50.2
	BHS	Creole English	F	89.7
	BLZ	Spanish	F	31.6
	BRB	Bajan	F	95.1
	BTN	Nepali	F	34.8
	BWA	Tswana	F	75.5
	COG	Kongo	F	51.5
	CPV	Crioulo	F	100.0
	DJI	Afar	F	34.8
	DJI	Somali	F	43.9
	DMA	Creole English	F	100.0
	ERI	Tigre	F	31.7
	ETH	Oromo	F	31.0
	FJI	Hindi	F	43.7
	FSM	Trukese	F	41.6
	GAB	Fang	F	25.8

CountryLanguage 18 x