

# Worksheet 1 – Queries on One Table

Team: \_\_\_\_\_

Please hand in one copy of your finished work per team.

Download the file world2.sql from our class website and load it into mysql:

```
source world2.sql
```

The database is named world.

## 1. Basic Info

What command do you use to see a list of the names of the tables in the database:

---

What are the names of the tables?

---

What are the fields in the table that describes cities:

Field	Type

## 2. queries

Show the queries you would write and the results of executing them.

2.1 What is the population of Haiti?

SELECT \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

```
+-----+
| Population |
+-----+
|           |
+-----+
```

2.2 Display the country and leader of countries whose leaders' names start with Robert.

SELECT \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

```
+-----+-----+
|           |           |
+-----+-----+
|           |           |
+-----+-----+
```

2.3 Display all information for USA cities with a population of over a million

For this worksheet just enter the info for the city that starts with a 'D' and the rows in the set.

SELECT \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


\_\_\_\_\_ rows in set

2.4 Display the name and population of cities in New Mexico.

SELECT \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


2.5 Display the names and land mass size of countries in North and South America. (in the sheet you turn in just show the first 3 results).

For the worksheet just list the country that starts with 'A' and the total number of rows in the set.

SELECT \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_


\_\_\_\_ rows in set

2.6 Display the names and leaders of countries with populations between one and two million people. For the purpose of the worksheet, just show the results for the country that starts with 'B' and the total number of rows.

SELECT \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_


\_\_\_\_ rows in set

2.7 Display the names of countries with populations between one and two million people and a land mass greater than 100,000.

SELECT \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_


\_\_\_ rows in set

2.8 Display all information of countries whose official language is Arabic and spoken by over 50% of the population.

SELECT \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_ rows in set

2.9 Display name of cities in the USA which start with the letter 'L'.  
(For the worksheet just indicate the name that starts with 'Lu' and the number of rows

SELECT \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


\_\_\_ rows in set

2.10 Display city name and country code and population of cities of a population of over 5 million in Japan (JPN), China (CHN), and Korea (KOR). (For worksheet show only entries that start with 'T')

SELECT \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


\_\_\_ rows in set