Quiz 2

1. Select the code which produces this table

name	population
Bahrain	1234571
Swaziland	1220000
Timor-Leste	1066409

```sql
FROM world
SELECT name, population BETWEEN 1000000 AND 1250000
```

```sql
FROM name, population
WHERE population BETWEEN 1000000 AND 1250000
SELECT world
```

```sql
SELECT name, population
  FROM world
 WHERE population BETWEEN 1000000 AND 1250000
```

```sql
SELECT population BETWEEN 1000000 AND 1250000
FROM world
```

2. Pick the result you would obtain from this code:

```sql
SELECT name, population
FROM world
WHERE name LIKE "Al%"
```

Table-A

Albania
Algeria

Table-B

%bania	3200000
%geria	32900000

Table-C

Al	0

Table-D

Albania	3200000

Table-E

Albania	3200000
Algeria	32900000

3. Select the code which shows the countries that end in A or L

```sql
SELECT name FROM world
  WHERE name LIKE 'a%' AND name LIKE 'l%'
```

```sql
SELECT name FROM world
  WHERE name LIKE 'a%' OR name LIKE 'l%'
```

```sql
SELECT name FROM world
  WHERE name LIKE '%a' AND name LIKE '%l'
```

```sql
SELECT name FROM world
  WHERE name LIKE '%a' OR '1%'
```

```sql
SELECT name FROM world
  WHERE name LIKE '%a' OR name LIKE '%l'
```

4. Pick the result from the query

```sql
SELECT name,length(name)
FROM world
WHERE length(name)=5 and region='Europe'
```

name	length(name)
Benin	5
Lybia	5
Egypt	5

name	length(name)
Italy	5
Egypt	5
Spain	5

name	length(name)
Italy	5
Malta	5
Spain	5

name	length(name)
Italy	5
France	6
Spain	5

name	length(name)
Sweden	6
Norway	6
Poland	6

5. Here are the first few rows of the world table:

name	region	area	population	gdp
Afghanistan	South Asia	652225	26000000	
Albania	Europe	28728	3200000	6656000000
Algeria	Middle East	2400000	32900000	75012000000
Andorra	Europe	468	64000	
...				

Pick the result you would obtain from this code:

```
SELECT name, area*2 FROM world WHERE population = 64000
```

Andorra	234

Andorra	468

Andorra	936

Andorra	4680

Andorra	936
Albania	57456

6. Select the code that would show the countries with an area larger than 50000 and a population smaller than 10000000

```
SELECT name, area, population
  FROM world
 WHERE area < 50000 AND population < 10000000
```

```
SELECT name, area, population
  FROM world
 WHERE area < 50000 AND population > 10000000
```

```
SELECT name, area, population
  FROM world
 WHERE area > 50000 AND population < 10000000
```

```
SELECT name, area, population
  FROM world
 WHERE area > 50000 AND population > 10000000
```

```
SELECT name, area, population
  FROM world
 WHERE area = 50000 AND population = 10000000
```

7. Select the code that shows the population density of China, Australia, Nigeria and France

```sql
SELECT name, area/population
FROM world WHERE name IN ('China', 'Nigeria', 'France', 'Australia')
```

```sql
SELECT name, area/population
FROM world WHERE name LIKE ('China', 'Nigeria', 'France', 'Australia')
```

```sql
SELECT name, population/area
  FROM world
 WHERE name IN ('China', 'Nigeria', 'France', 'Australia')
```

```sql
SELECT name, population/area
  FROM world
 WHERE name LIKE ('China', 'Nigeria', 'France', 'Australia')
```

```sql
SELECT name, population
  FROM world
 WHERE name IN ('China', 'Nigeria', 'France', 'Australia')
```