iFalo inc. PHP

應試人	
應試日期	

Database

1. There is a table World

l name	l continent	l area	population	l gdp
 I Afghanistan	+ Asia	-+ 652230	+ 25500100	+ 20343000
Albania	l Europe	l 28748	2831741	1 12960000
Algeria	I Africa	l 2381741	l 37100000	188681000
l Andorra	l Europe	l 468	l 78115	l 3712000
l Angola	l Africa	1 1246700	1 20609294	1 100990000

A country is big if it has an area of bigger than 3 million square km or a population of more than 25 million.

Write a SQL solution to output big countries' name, population and area.

For example, according to the above table, we should output:

2. Write a SQL query to find all duplicate emails in a table named Person .

For example, your query should return the following for the above table:

Note: All emails are in lowercase.

PHP

1. Write a function that takes a string as input and returns the string reversed.

Example:

Given s = "hello", return "olleh".

2. Given an integer, write a function to determine if it is a power of three.

Follow up:

Could you do it without using any loop / recursion?