595. Big Countries

Source:

Table: World

```
+-------------+---------+
| Column Name | Type    |
+-------------+---------+
| name        | varchar |
| continent   | varchar |
| area        | int     |
| population  | int     |
| gdp         | bigint  |
+-------------+---------+
```

Name is the primary key (column with unique values) for this table.
Each row of this table gives information about the name of a country, the continent to which it belongs, its area, the population, and its GDP value.

A country is big if:

it has an area of at least three million (i.e., 3000000 km2), or
it has a population of at least twenty-five million (i.e., 25000000).

The result format is in the following example.

Example 1:

Input:

World table:

```
+-------------+-----------+---------+------------+--------------+
| name        | continent | area    | population | gdp          |
+-------------+-----------+---------+------------+--------------+
| Afghanistan | Asia      | 652230  | 25500100   | 20343000000  |
| Albania     | Europe    | 28748   | 2831741    | 12960000000  |
| Algeria     | Africa    | 2381741 | 37100000   | 188681000000 |
| Andorra     | Europe    | 468     | 78115      | 3712000000   |
| Angola      | Africa    | 1246700 | 20609294   | 100990000000 |
+-------------+-----------+---------+------------+--------------+
```
Output:
```
+-------------+-----------+---------+
| name        | population | area   |
+-------------+-----------+---------+
| Afghanistan | 25500100  | 652230 |
| Algeria     | 37100000  | 2381741|
+-------------+-----------+---------+
```

Q) Write a solution to find the name, population, and area of the big countries. Return the result table in any order.

Ans:

select name, population, area
from World
where area >= 3000000 or population >= 25000000;

Explanation:

1. **SELECT name, population, area**

  - You want the output to include:

    - The country's **name**

- Its population

  - Its area

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2. FROM World

- You're querying data from the table named `World`.

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3. WHERE area >= 3000000 OR population >= 25000000

This is the **filtering condition**. It includes countries that satisfy **at least one** of the two conditions:

✔ **Condition A:** `area >= 3000000`

- This selects countries with a **large land area**, at least 3 million square kilometers.

✔ **Condition B:** `population >= 25000000`

- This selects countries with a **large population**, at least 25 million people.

✔ **OR** Operator

- Countries will be included **if they satisfy either condition**.

- AMIT KUMAR