**Problem 1 Big Countries**

SELECT name, population, area

FROM World

WHERE area >= 3000000 OR population >= 25000000;

**Problem 2 Nth Highest Salary**

CREATE FUNCTION getNthHighestSalary(n INT) RETURNS INT

BEGIN

RETURN (

WITH cte AS (

SELECT \*, DENSE\_RANK() OVER (ORDER BY salary DESC) AS rnk

FROM Employee

)

SELECT DISTINCT IFNULL(NULL, salary) FROM cte

WHERE rnk = n

);

END

**Problem 3 Delete Duplicate Emails**

DELETE p1

FROM Person p1, Person p2

WHERE p1.id > p2.id AND p1.email = p2.email;