CREATE TABLE IF NOT EXISTS dictionary(idWord INT AUTO\_INCREMENT PRIMARY KEY, word varchar(80) UNIQUE) ENGINE=INNODB;

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DELIMITER $$

CREATE DEFINER=`root`@`localhost` FUNCTION `existWordDictionary`(`myWord` VARCHAR(60)) RETURNS tinyint(1)

NO SQL

BEGIN

RETURN (Select count(\*) from dictionary where word = myWord);

END$$

DELIMITER ;

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DELIMITER $$

CREATE DEFINER=`root`@`localhost` FUNCTION `roveWord`(`frase` VARCHAR(2000)) RETURNS tinyint(1)

NO SQL

BEGIN

DECLARE indice int DEFAULT 0;

DECLARE palabra varchar(2000) DEFAULT "";

SET frase = concat(frase," ");

WHILE char\_length(frase) > indice DO

SET indice = indice + 1;

IF mid(frase, indice, 1) = " " THEN

IF indice > 1 THEN

SET palabra = mid(frase,1,indice - 1);

IF !existWordDictionary(palabra) THEN

INSERT INTO dictionary SET word = palabra;

END IF;

END IF;

SET frase = mid(frase,indice+1);

SET indice = 0;

END IF;

END WHILE;

RETURN true;

END$$

DELIMITER ;