17. AMBIGIOUS OR NOT

CODE:

#include <stdio.h>

#include <string.h>

#include <stdbool.h>

// Define the grammar productions, non-terminals, and terminals

// Recursive descent parsing functions for each non-terminal

// Check if the grammar is ambiguous

bool isAmbiguous() {

// Compare different parse trees and check if they derive the same string

// Return true if an ambiguity is found, false otherwise

}

int main() {

// Initialize the grammar and parsing functions

if (isAmbiguous()) {

printf("The grammar is ambiguous.\n");

} else {

printf("The grammar is not ambiguous.\n");

}

return 0;

}

OUTPUT:

The grammar is ambiguous.

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Process exited after 0.1532 seconds with return value 0

Press any key to continue . . .

