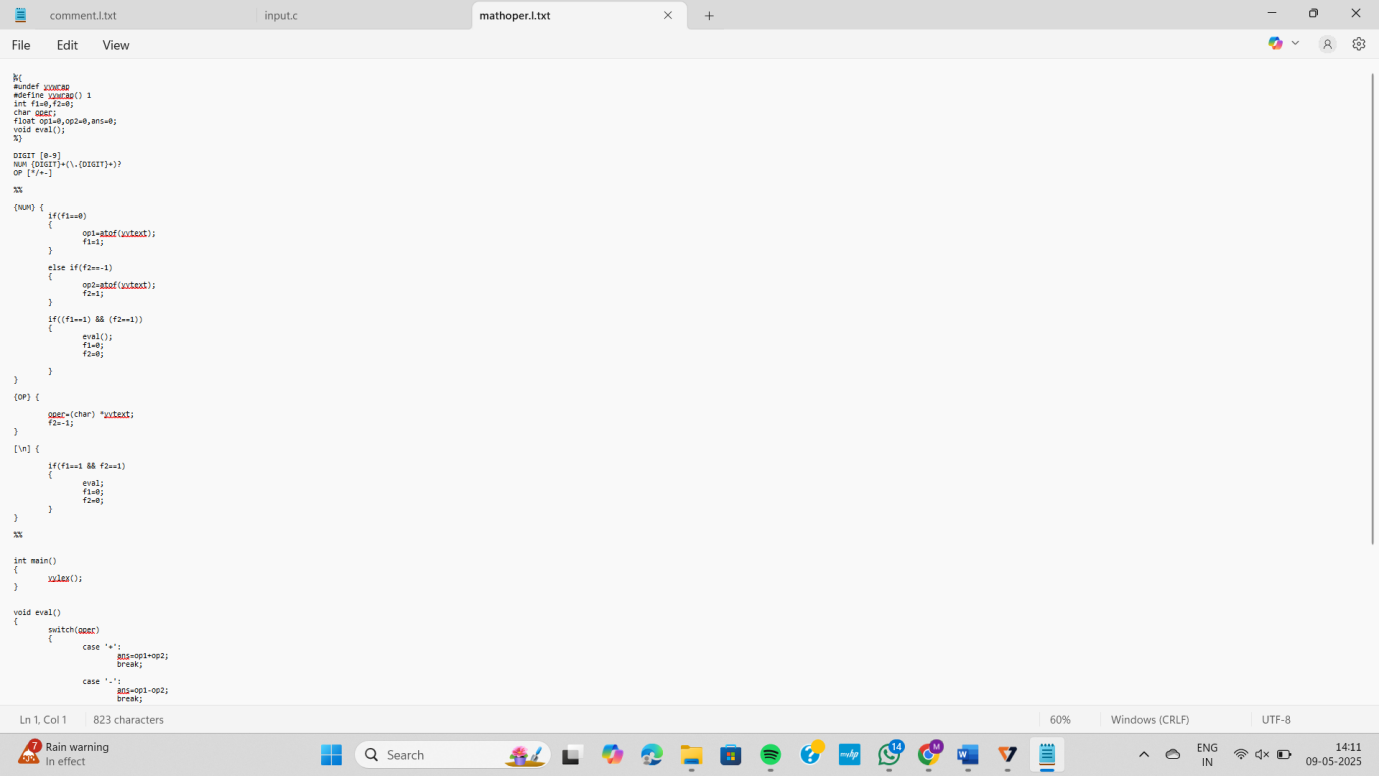
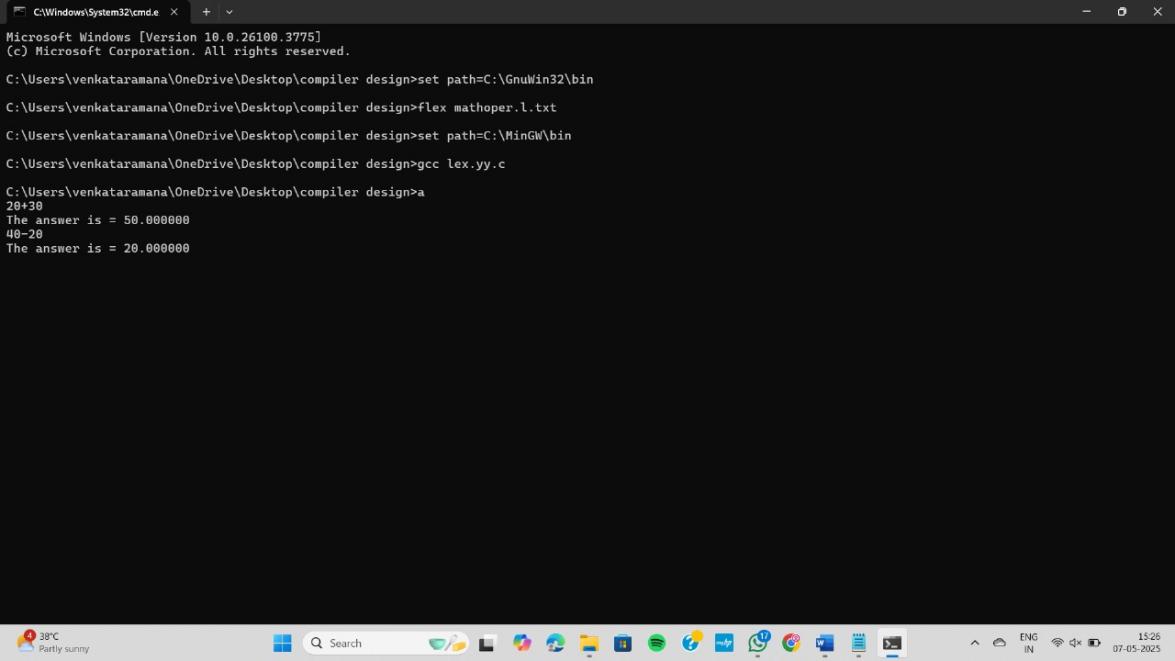
Name: ch.ishwarya  
reg no: 192372104  
course: csa1409 – compiler design

1) Write a LEX program to implement basic mathematical operations.

Program:

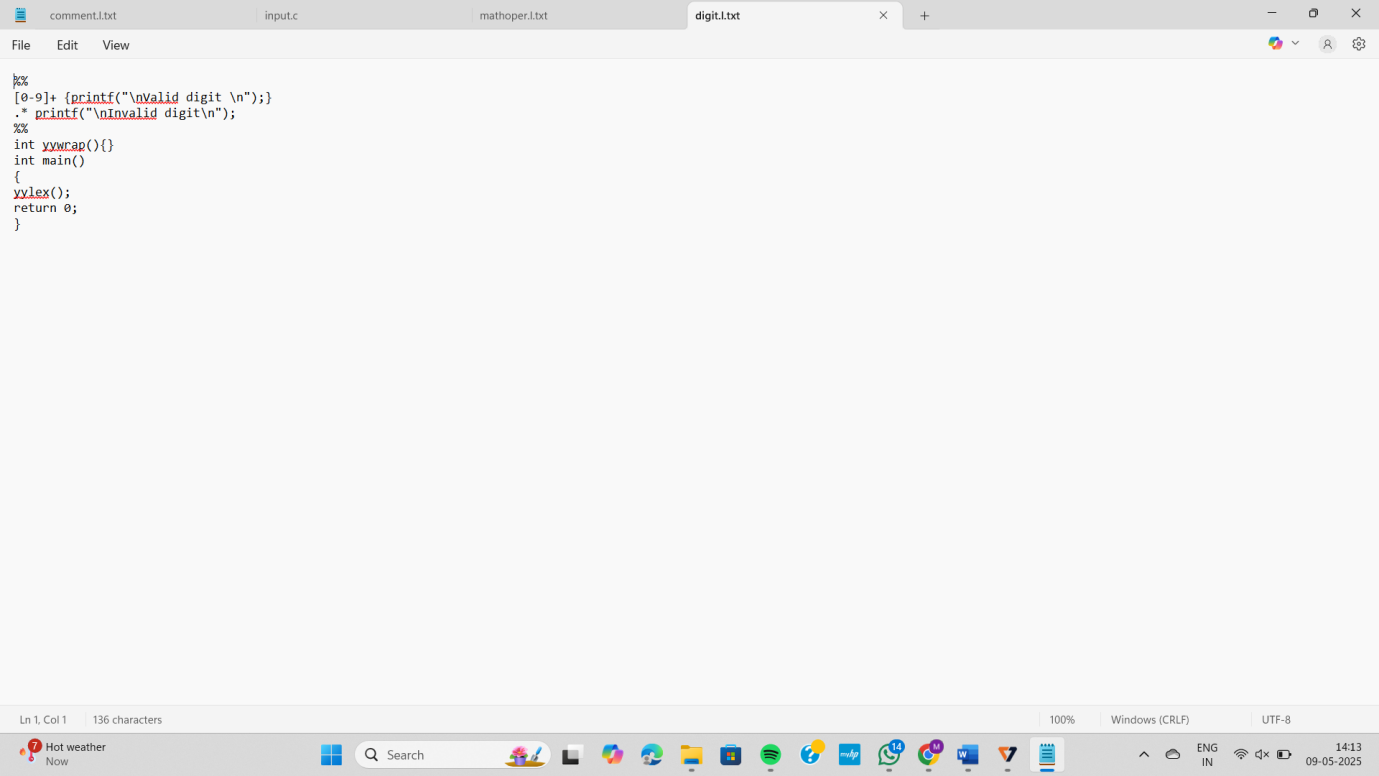


Output:

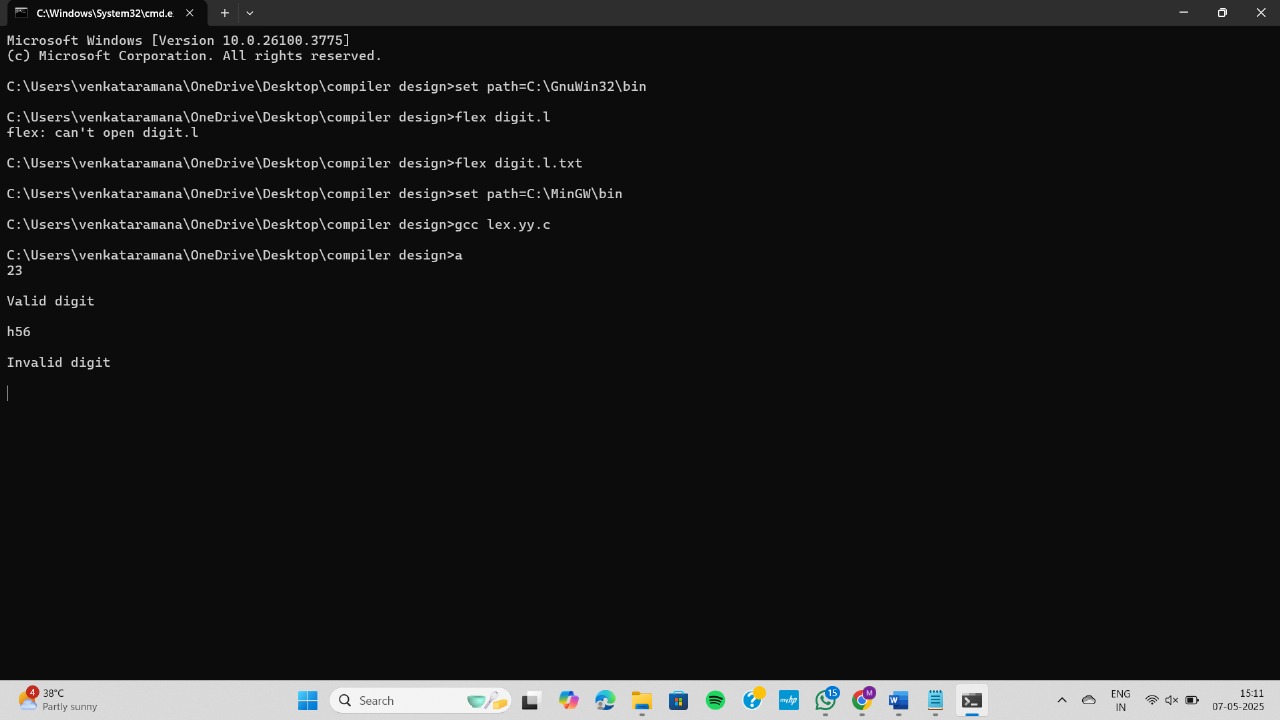


2) Write a LEX program to check whether the given input is digit or not.

Program:

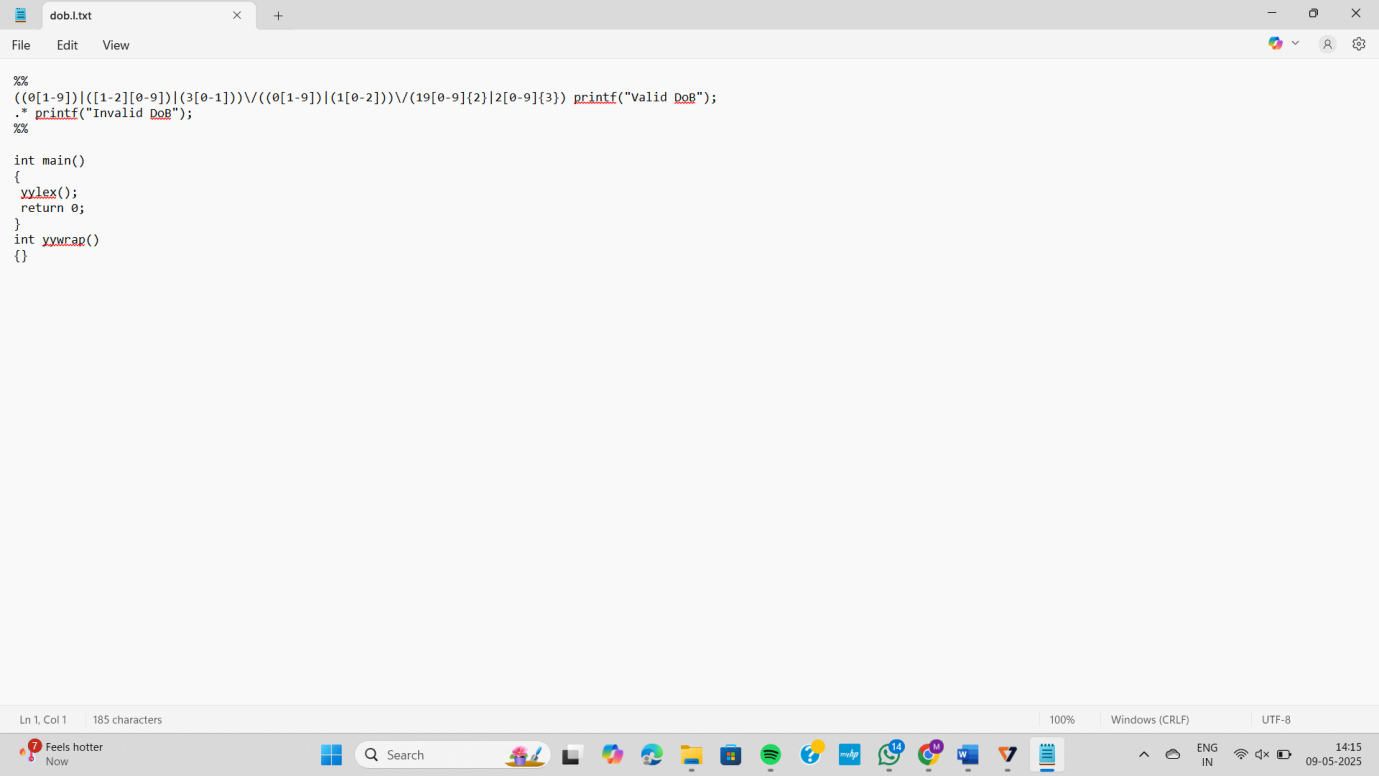


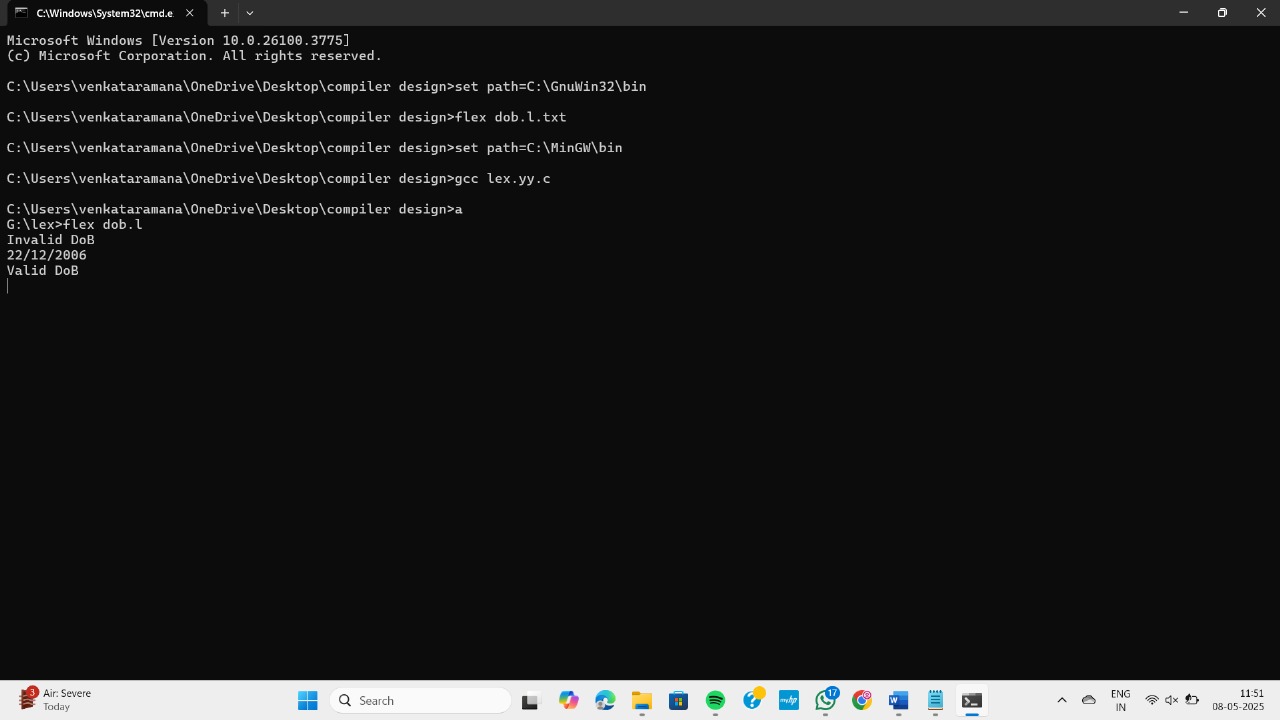
Output:



3) Write a LEX program to validate DOB of students.

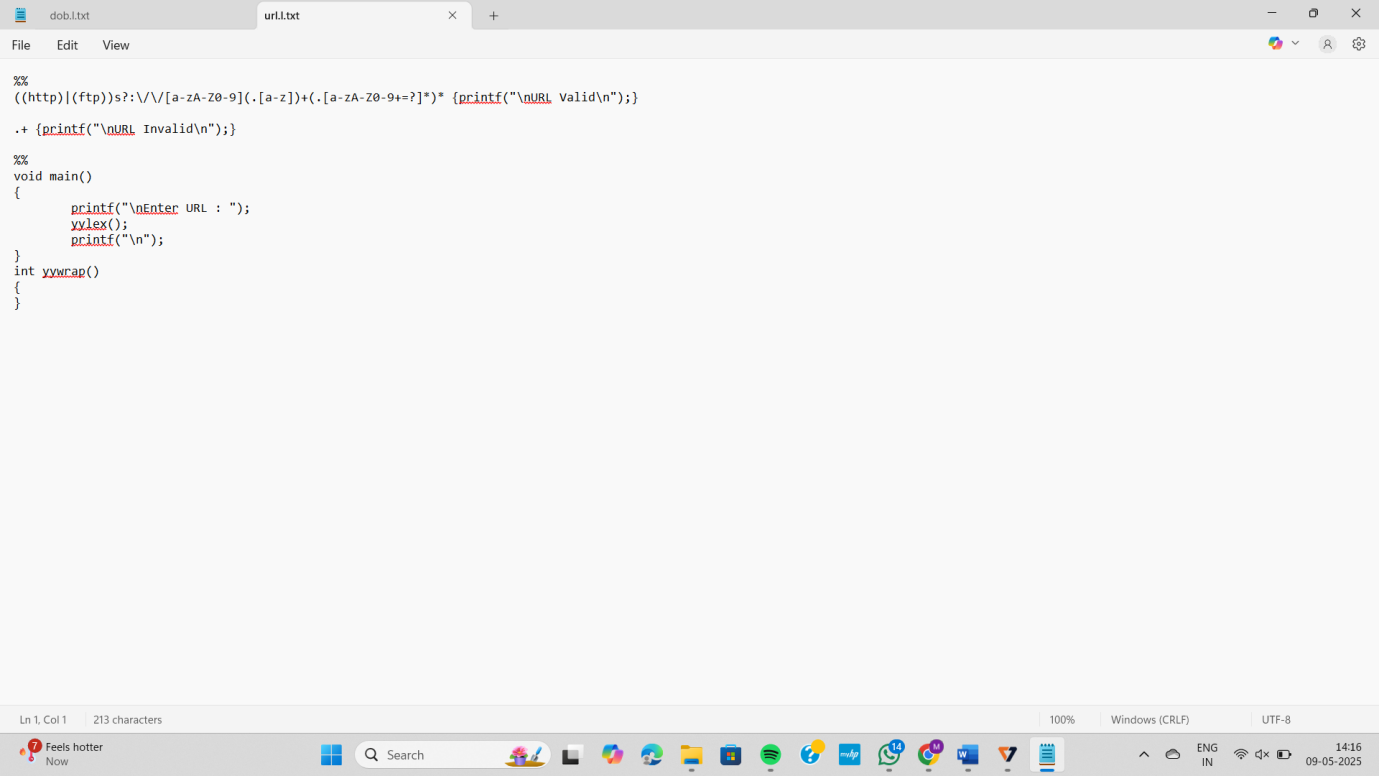
Program:



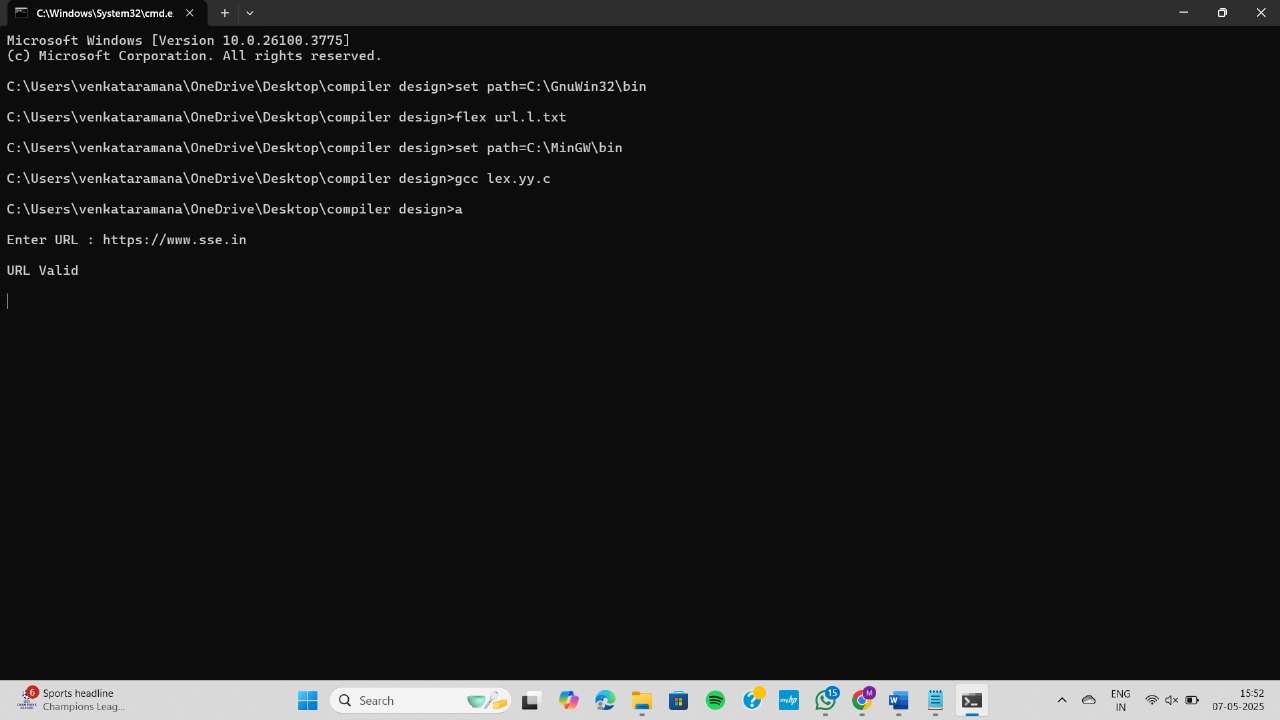
Output:

4) Write a LEX program to validate the URL.

Program:

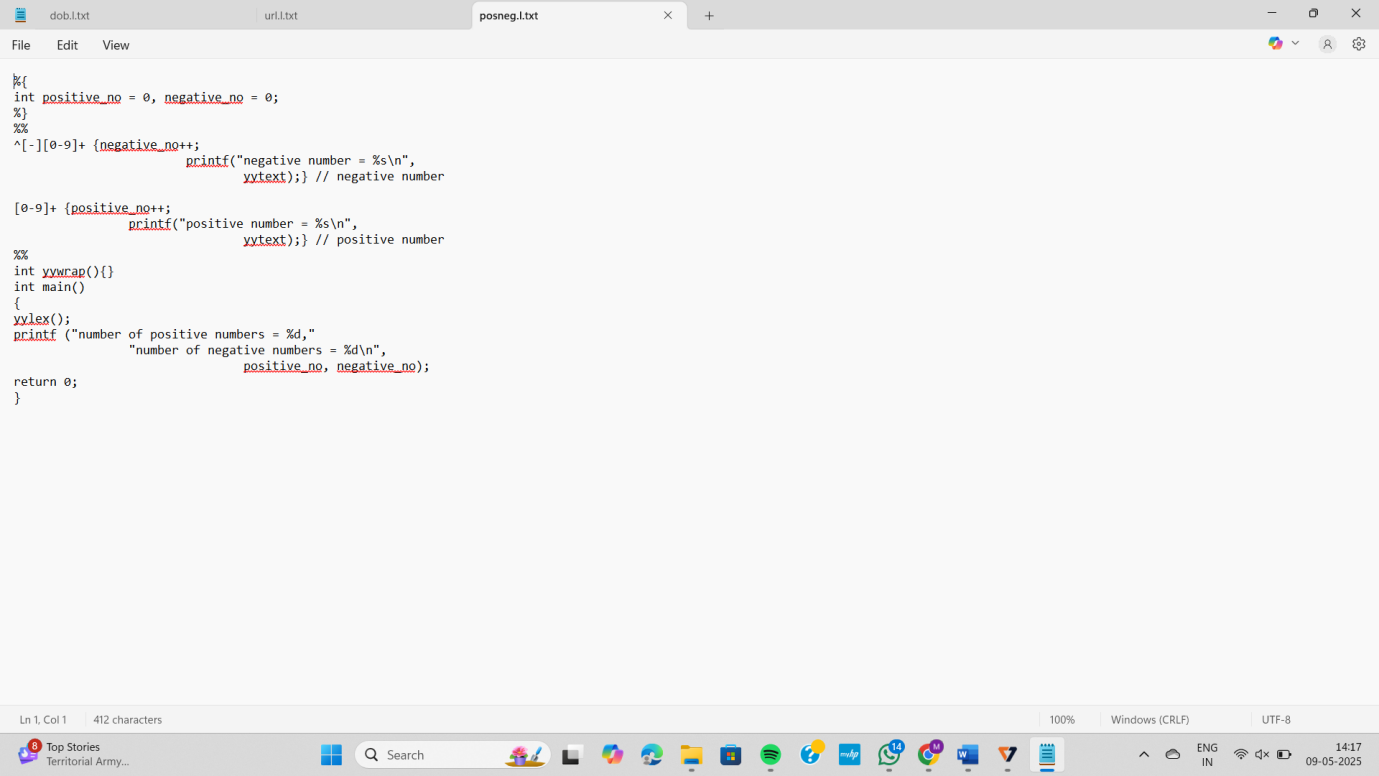


Output:



5) Write a LEX program to identify and count positive and negative numbers.

Program:

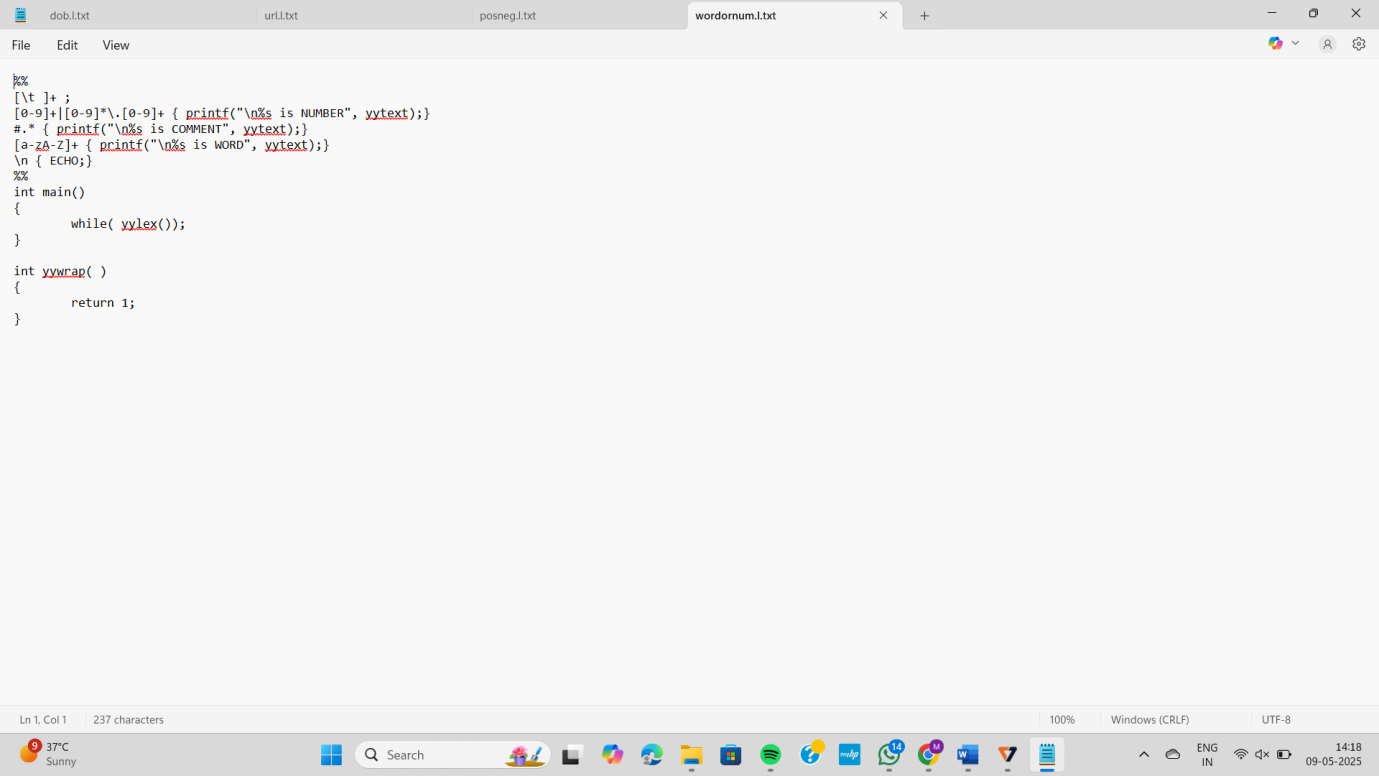


Output:

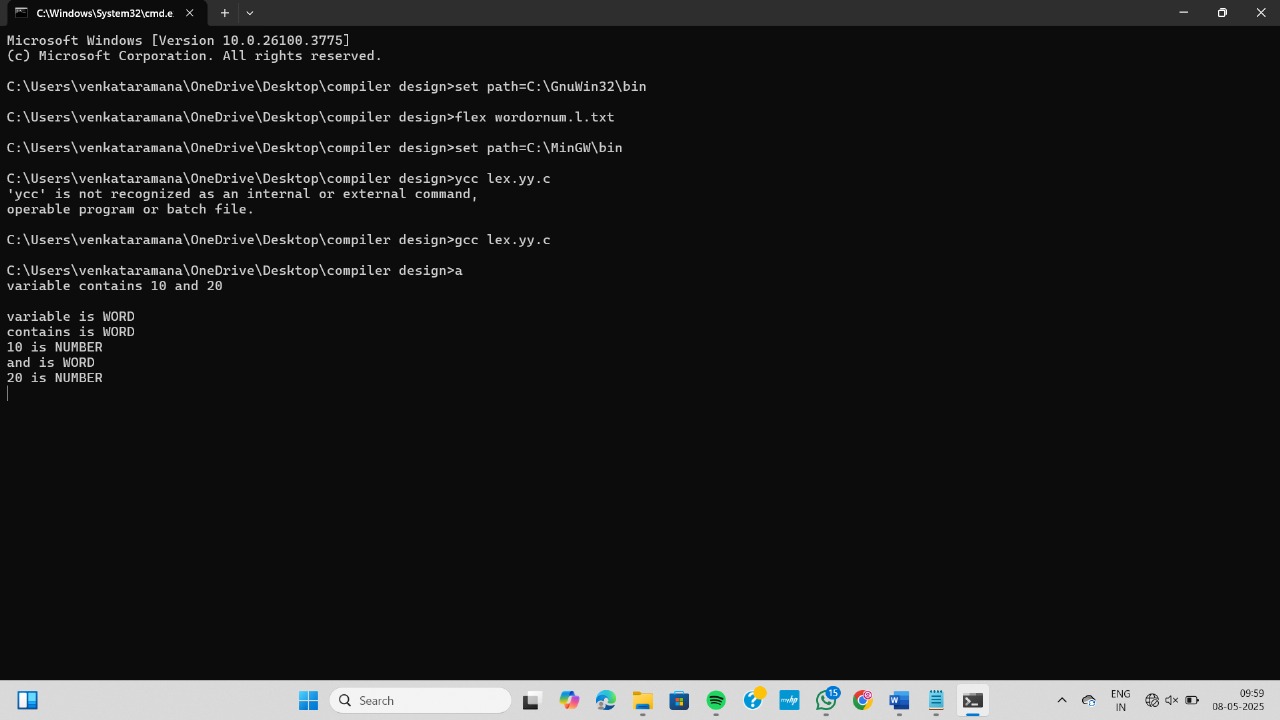


6) Write a LEX program to recognise numbers and words in a statement.

Program:

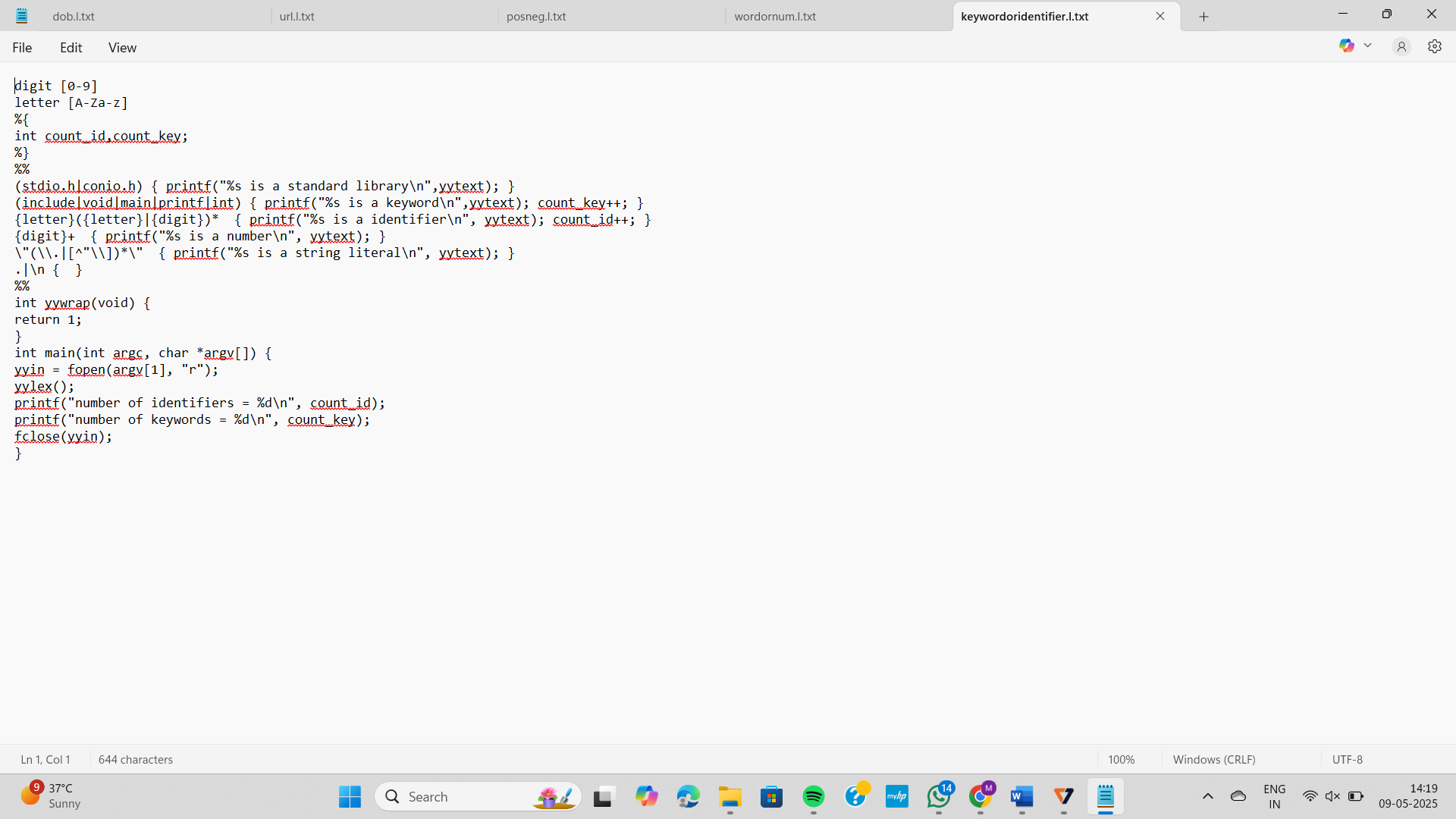


Output:

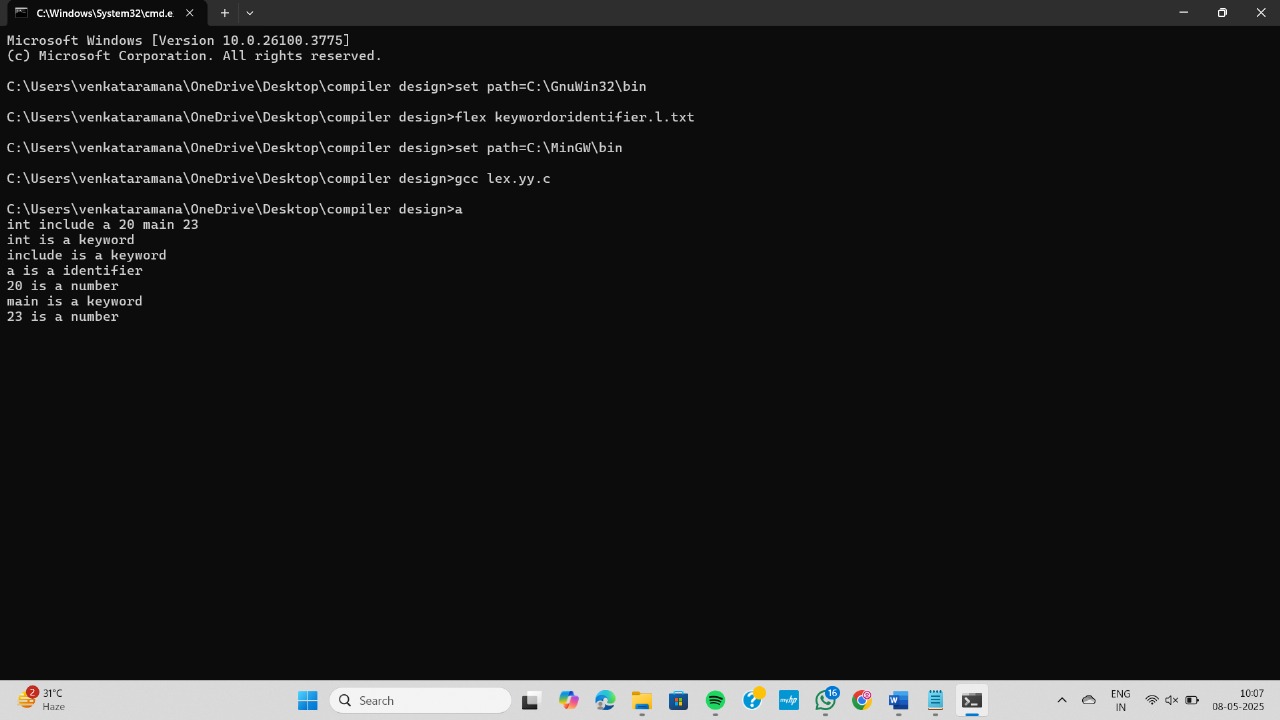


7) Write a LEX program to separate the keywords and identifiers.

Program:

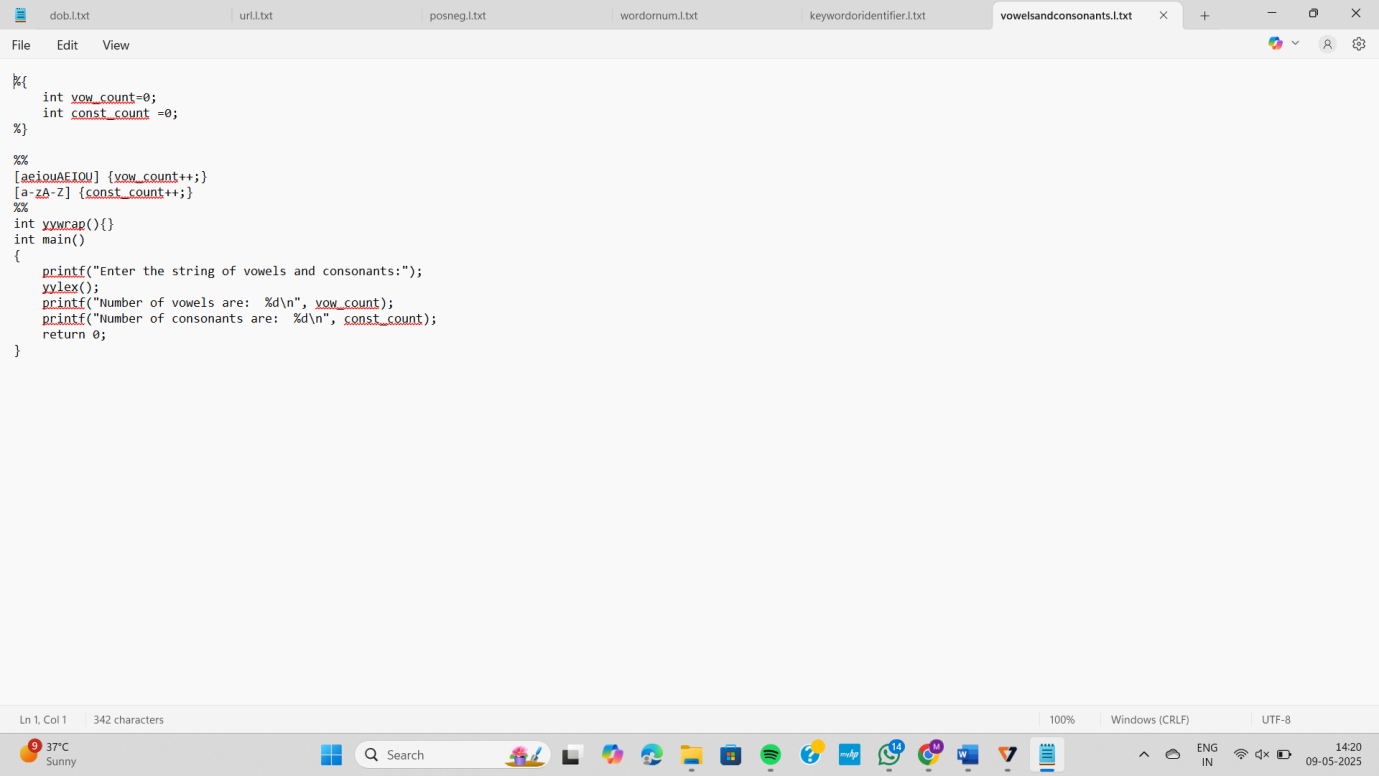


Output:

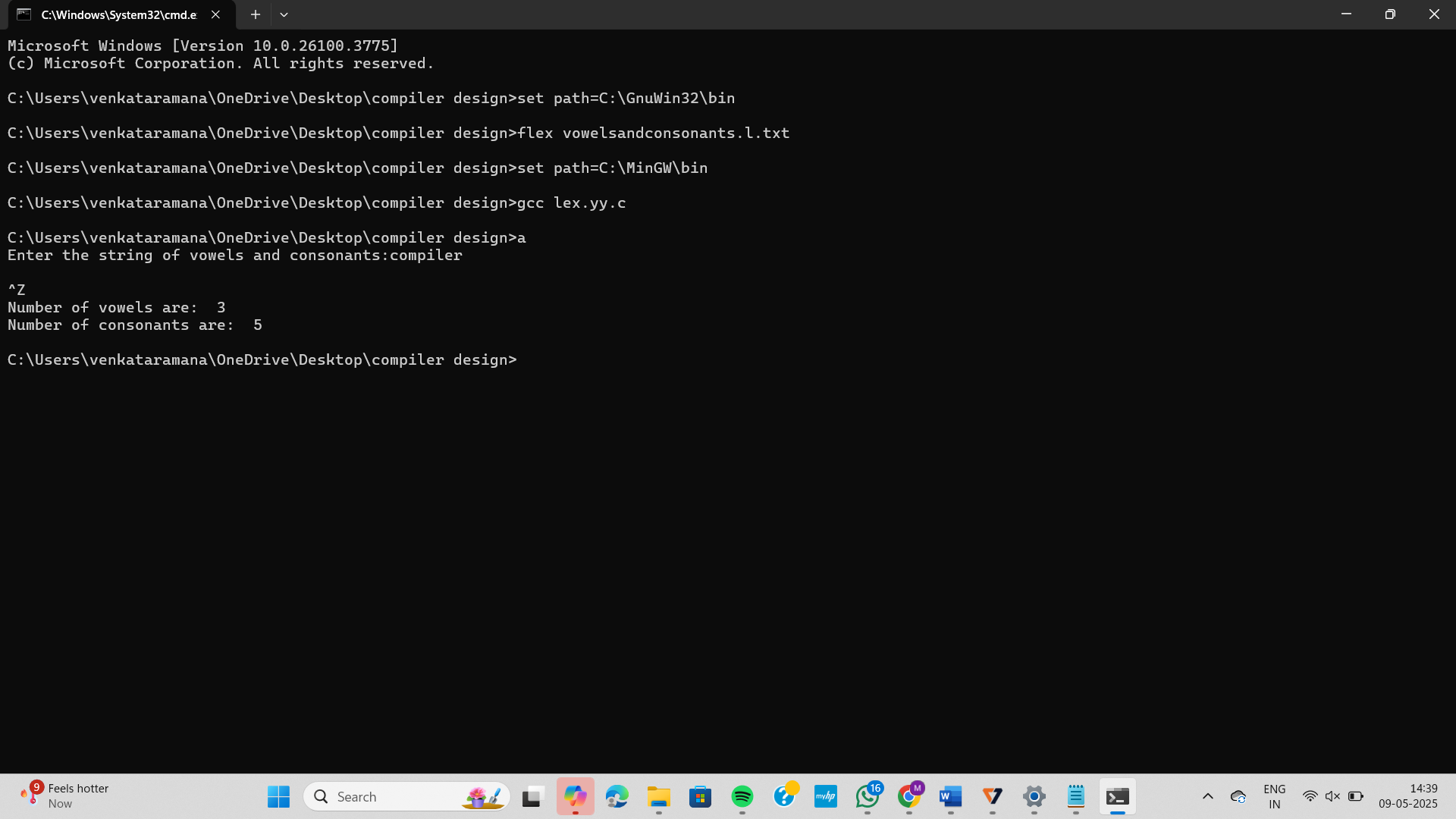


8) Write a LEX program to count the number of vowels in the given sentence.

Program:

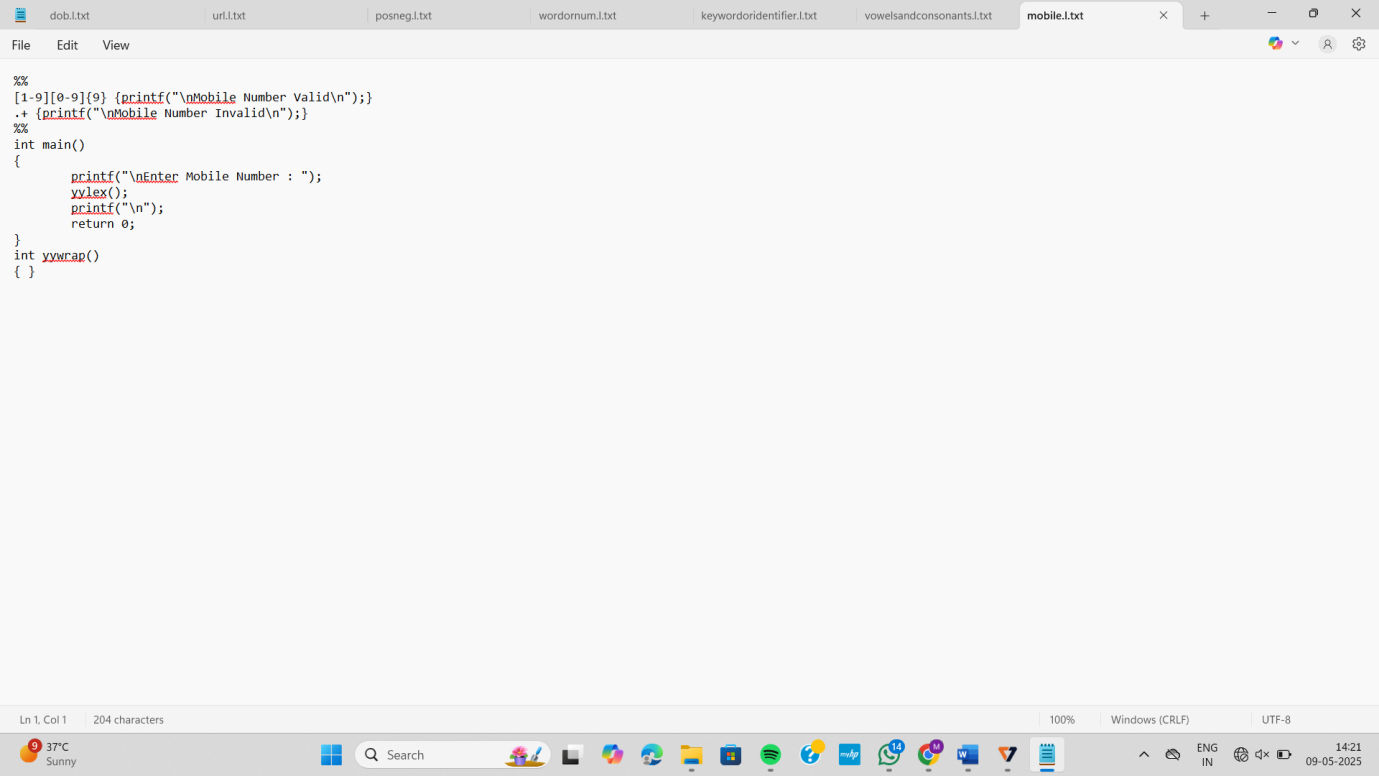


Output:

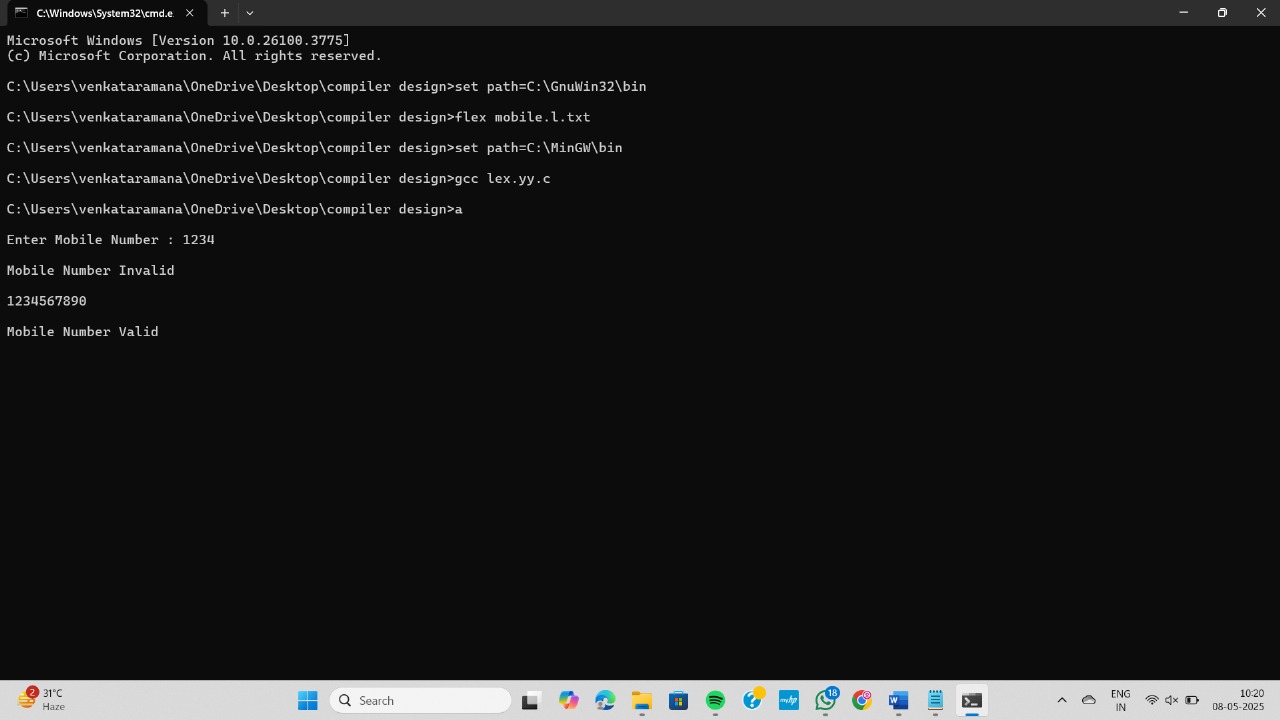


9) Implement a LEX program to check whether the mobile number is valid or not.

Program:

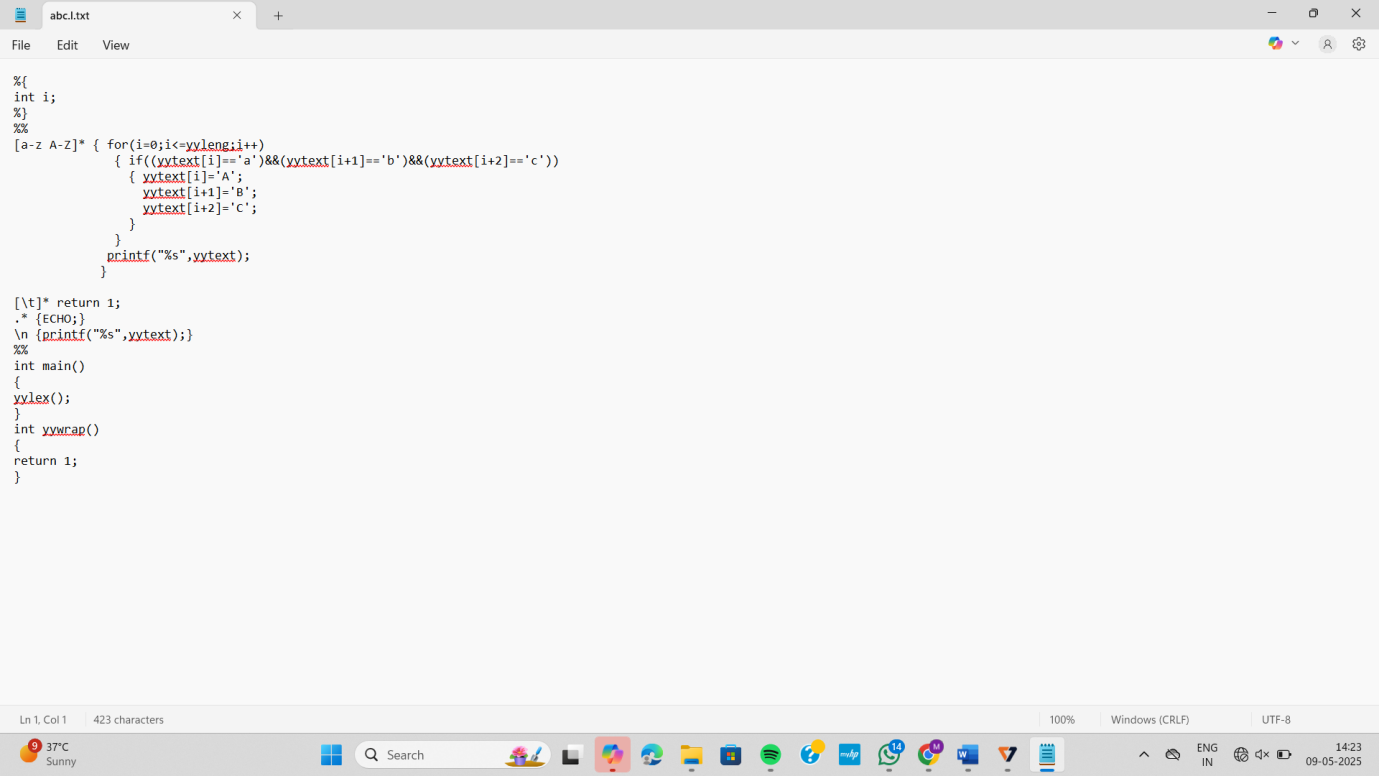


Output:

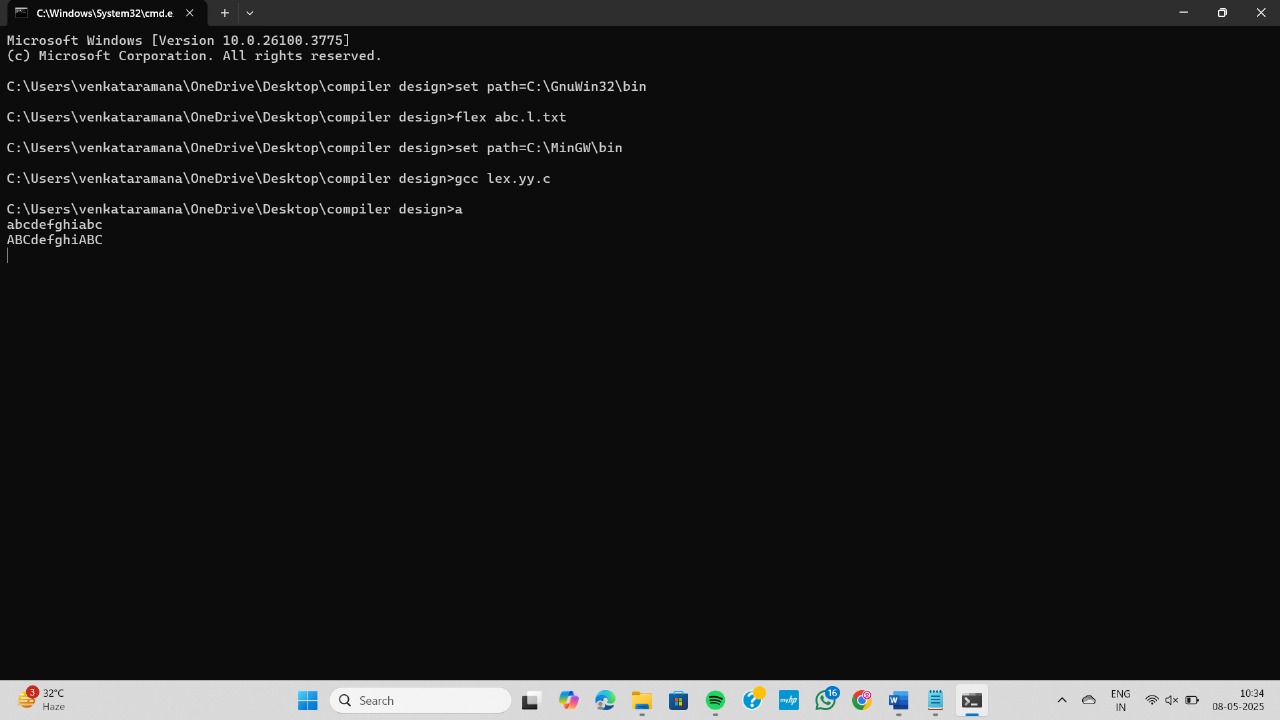


10) Write a LEX Program to convert the substring abc to ABC from the given input string

Program:

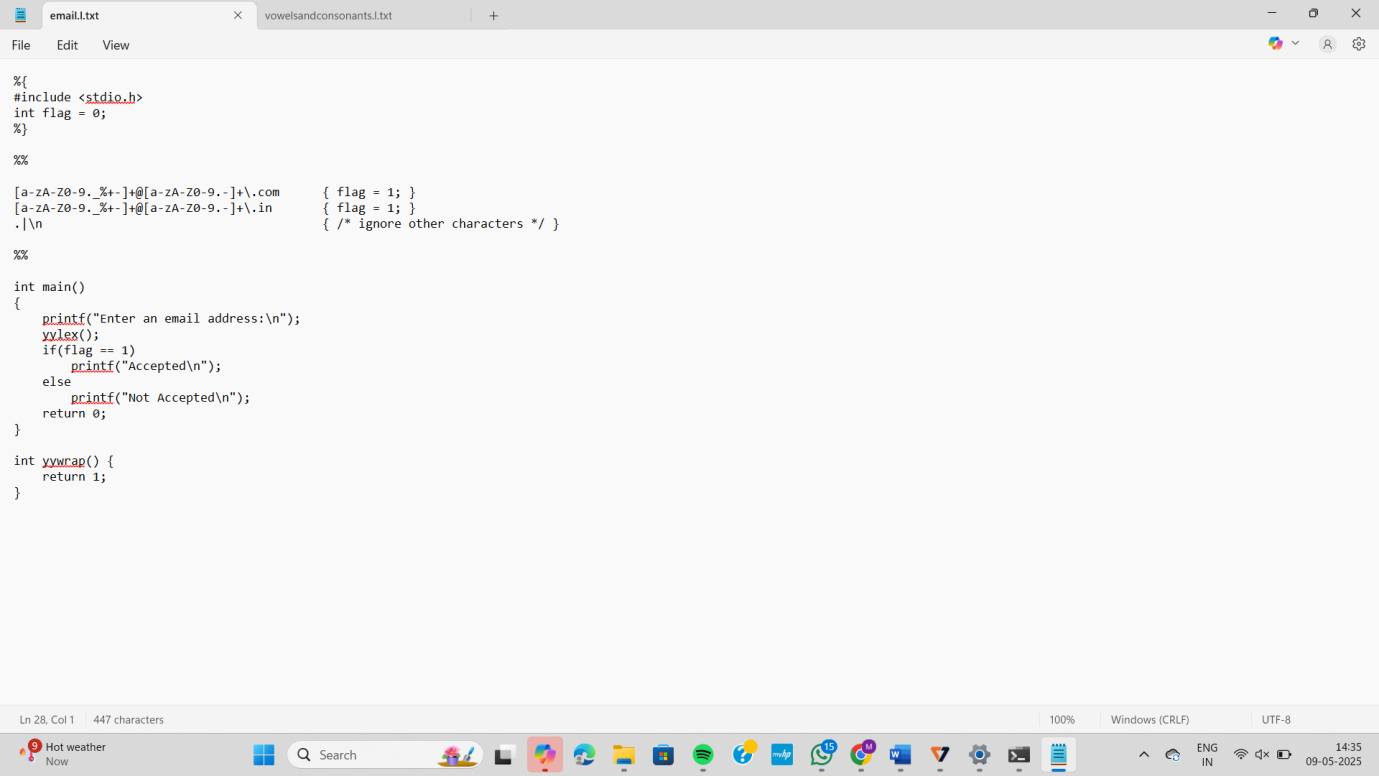


Output:

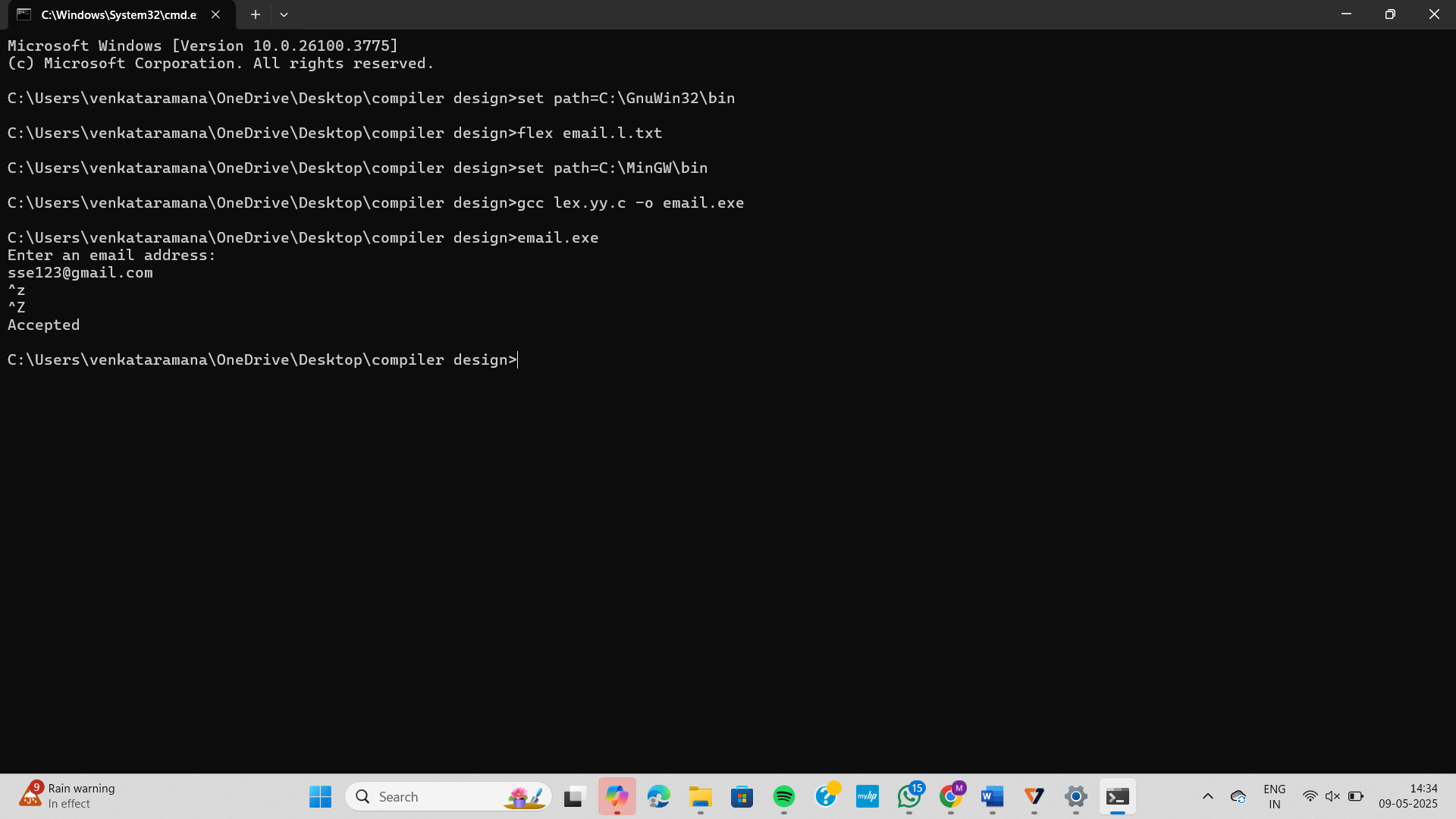


11) Write a LEX Program to check the email address is valid or not.

Program:

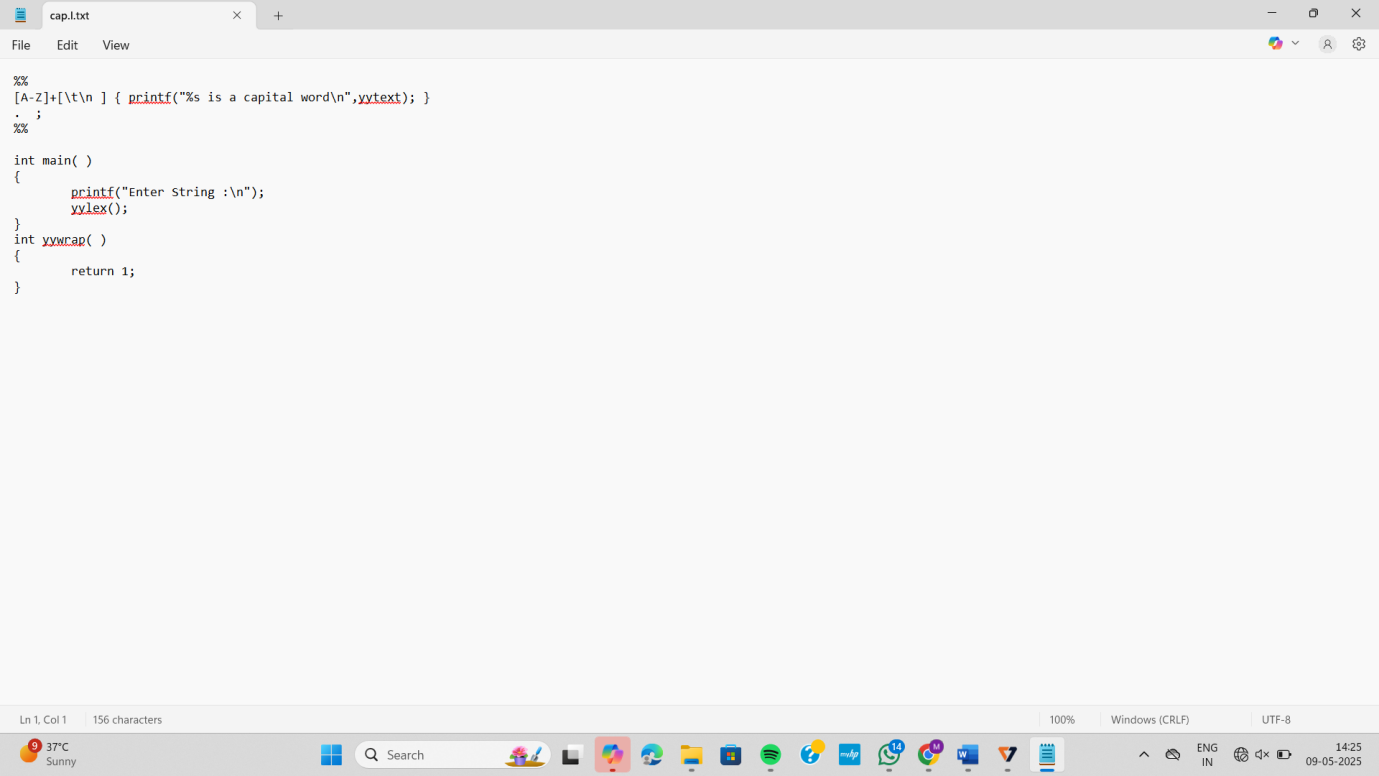


Output:

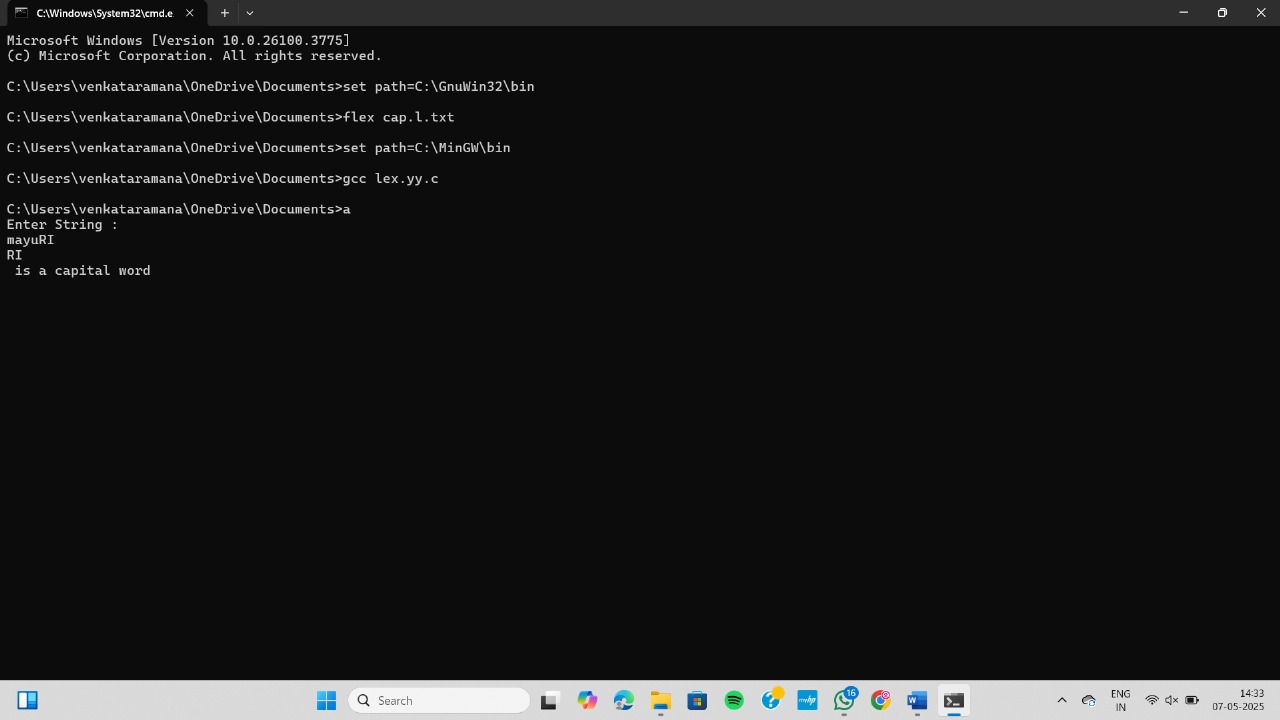


12) Write a LEX program to identify the capital words from the given input.

Program:

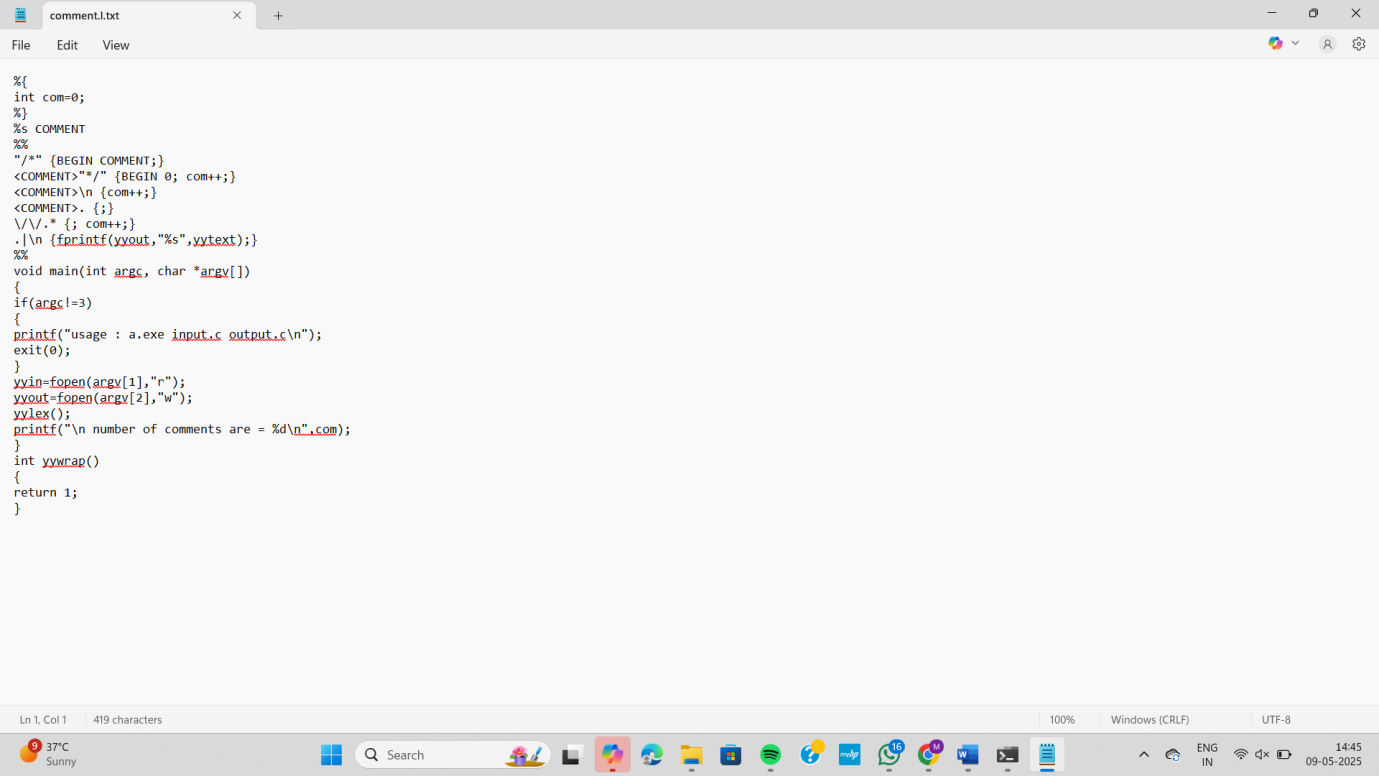


Output:



13) Write a LEX program to count the number of comment lines in a given C program and eliminate them and write into another file.

Program:



Output:

