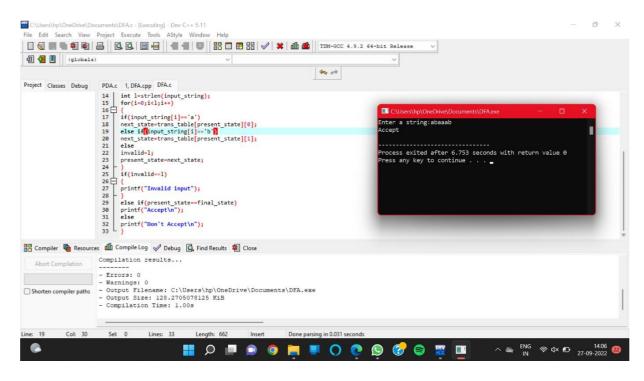
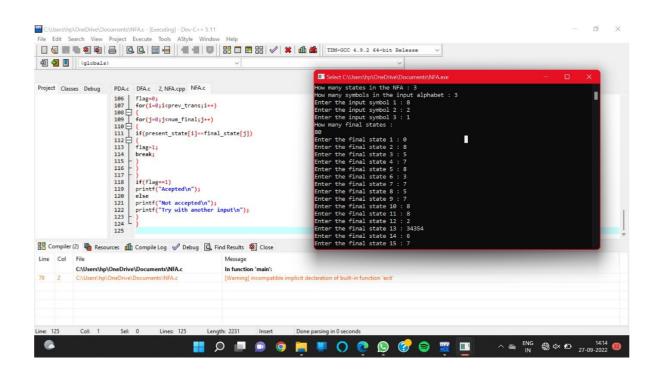
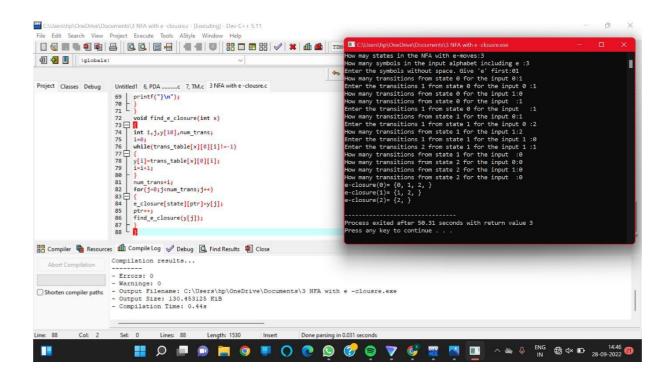
1, write a C program to simulate a deterministic finite automata [DFA] for the given language.



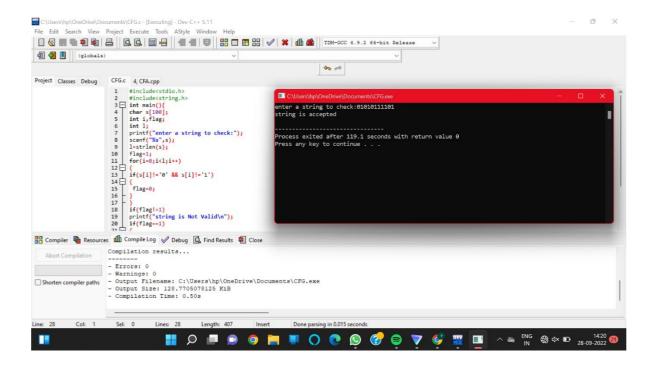
2, write a C program to simulate a non deterministic finite automata [NFA] for the given language.

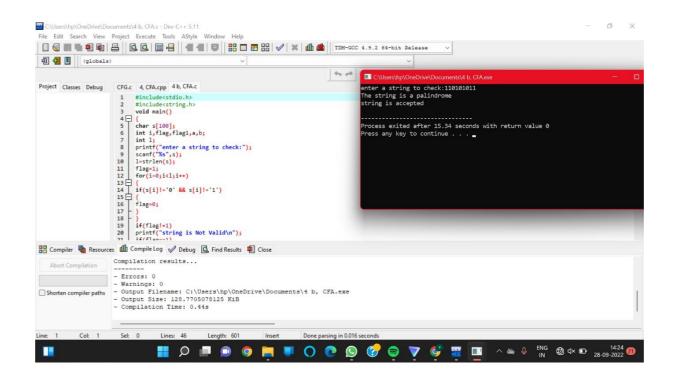


3, write a C program to find e-clouse for all the state in a non- deterministic finite automata [NFA] with e-moves.

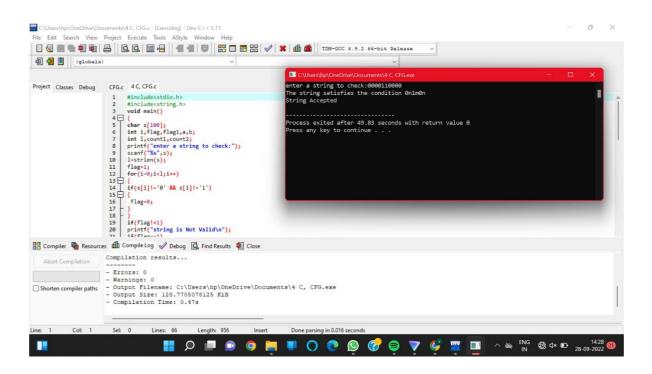


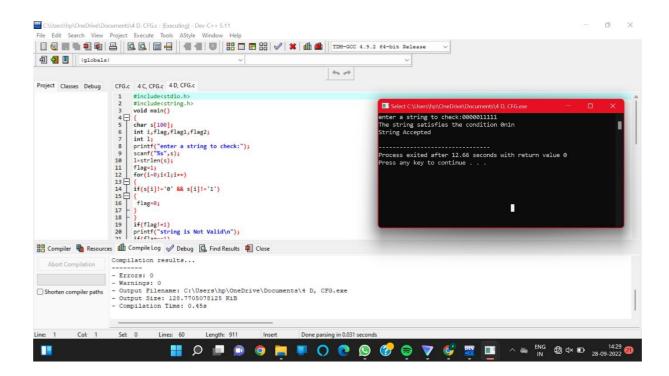
4. Write a C program to check whether a given string belongs to the language defined by a Context Free Grammar (CFG).





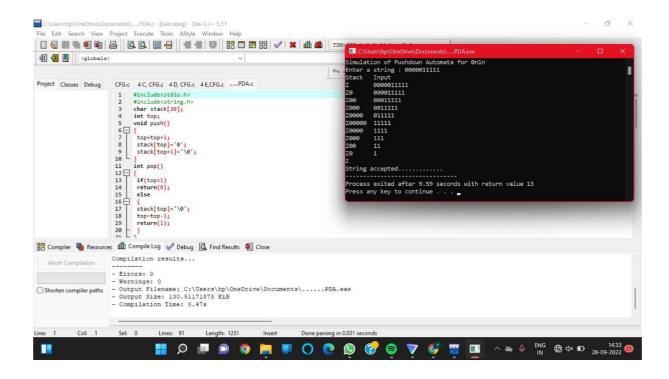
## C,



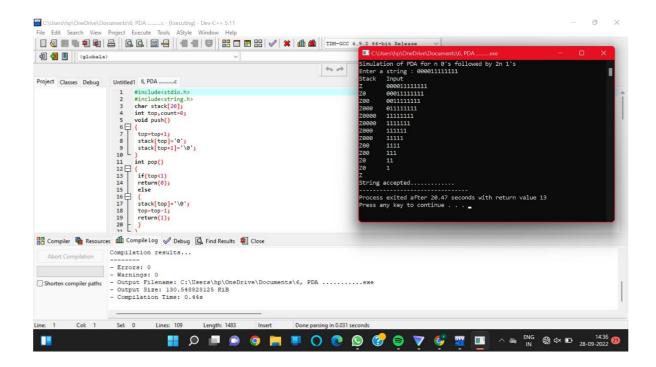


E,

5. Write a C program to simulate a Push Down Automata (PDA) for the language 0n1n.



6. Write a C program to simulate a Push Down Automata (PDA) for the language anb2n



7. Write a C program to simulate a Turing Machine (TM) for the given language.

