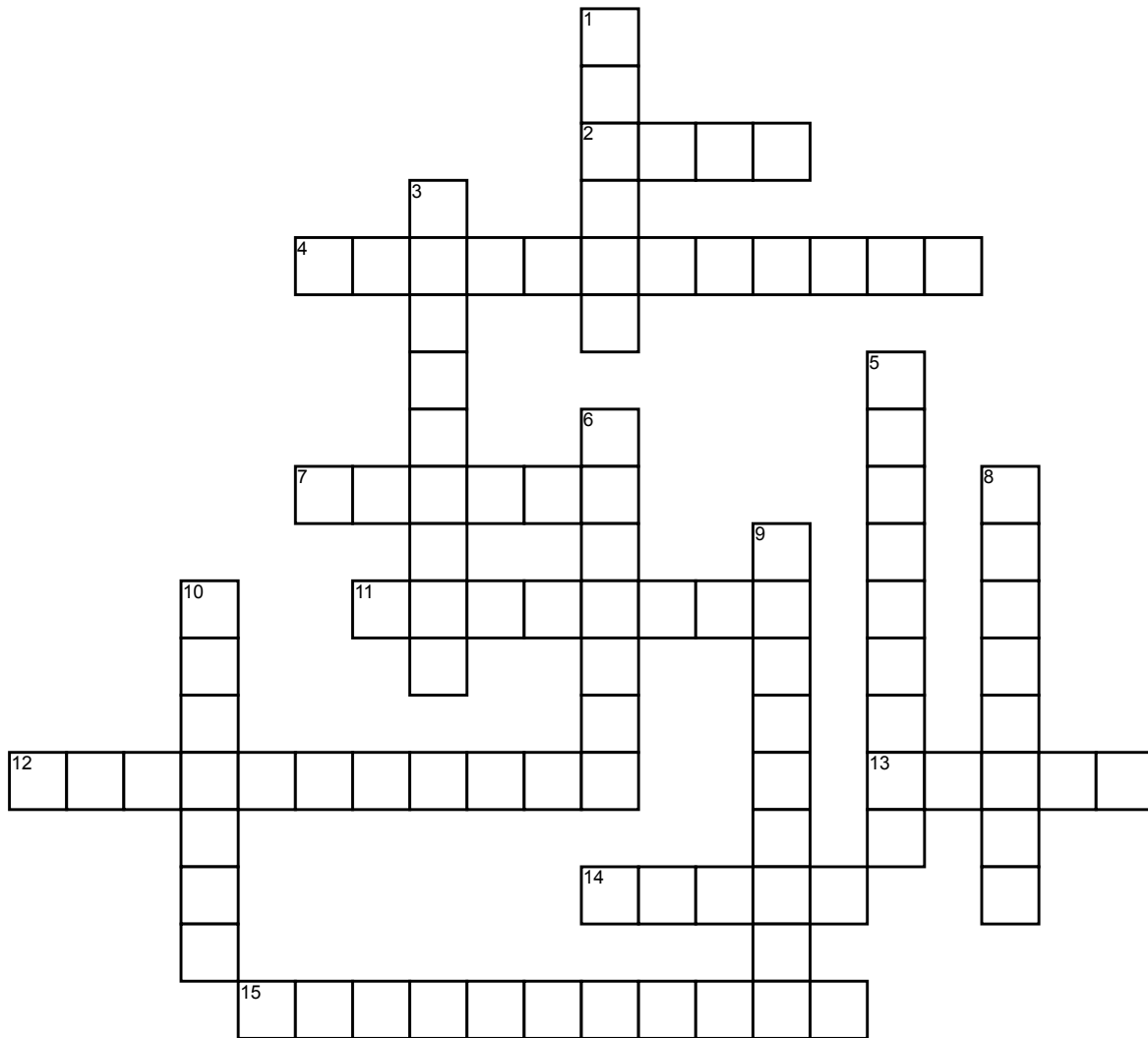


Name: _____

theory of computation



Across

- 2. node of the tree is labelled by start
- 4. theorem which talks about a typical property of CFG
- 7. an algorithm which is represented as turing machine
- 11. the finite _____ is a mathematical model of system

- 12. pumping lemma is called
- 13. list which has last in first out
- 14. the machine in which output is associated with each state
- 15. grammar having single V_n on LHS

Down

- 1. it is mathematical model of computer

- 3. CFG which exist two or more parse tree
- 5. derivation of production only to rightmost variable
- 6. grammar is of the form $A \rightarrow BC$, $A \rightarrow a$
- 8. the grammar is of the form $A \rightarrow a^*$
- 9. derivation tree are:
- 10. elimination of _____ production in form $x \rightarrow e$