

- 01 What is DFA in Hindi video
- 02 What is NFA in Hindi video
- 03 Trap State in Hindi video
- 04 Draw a DFA accepting strings starting with ab | TOC in Hindi video
- 05 Draw a DFA starting with 'a' | TOC in Hindi video
- 06 Draw a DFA starting with 'aba' | TOC in Hindi video
- 07 Draw a DFA accepting strings starting with 'aa' | TOC in Hindi video
- 08 Draw a DFA starting with 'aa' or 'bb' | TOC in Hindi video
- 09 Draw a DFA ending with 'ab' | TOC in Hindi video
- 10 Draw a DFA ending with 'abb' | TOC in Hindi video
- 11 DFA for the language {w/w contains the substring abab} | TOC in Hindi video
- 12 Minimization of DFA | TOC in Hindi video
- 13 NFA accepting strings starting with a | TOC in Hindi video
- 14 Draw a NFA for strings starting with 'ab' | TOC in Hindi video
- 15 Design a NFA for {c b a b^n} | TOC in Hindi video
- 16 Construct a finite automata for language {0^n | n mod 3 = 2, n ≥ 0} | TOC in Hindi video
- 17 Design a Finite Automata which accepts set of strings containing four 1's
- 18 Draw a NFA and DFA for the language accepting strings ending with 'aa' in Hindi video
- 19 Draw a NFA and convert to DFA for the language accepting strings ending with 'b' in Hindi video
- 20 NFA to DFA conversion example 2 | TOC in Hindi video
- 21 NFA to DFA conversion example 03 | subset conversion methods | TOC in Hindi video
- 22 Mealy to Moore Conversion | TOC in Hindi video
- 23 Moore to Mealy conversion | TOC in Hindi video

- 24 DFA NFA accepting string ending with 00 and 11 | TOC in Hindi video
- 25 Regular Expression in TOC | TOC in Hindi video
- 26 Regular Expression examples | TOC in Hindi video
- 27 Regular Expression to NFA example 01 | TOC in Hindi video
- 28 Regular Expression to NFA solved examples 02 | TOC in Hindi video
- 29 Arden's Theorem proved | TOC in Hindi video
- 30 Ardens Theorem solved examples | Regular Expression from Automata in Hindi video
- 31 What is CFG | Context Free Grammar | TOC in Hindi video
- 32 Construct CFG for language having any number of a | Context Free Grammar in Hindi video
- 33 Derivation Tree, left most, right most, solved examples | TOC in Hindi video
- 34 Left most and Right most derivation in TOC in Hindi video
- 35 Derivation from Grammar examples in TOC in hindi video
- 36 Ambiguity in Grammar examples 01 | CFG | TOC in Hindi video
- 37 Ambiguity in Grammar Solved Examples 02 | CFG in Hindi video
- 38 Ambiguity in Grammar Solved Examples 03 | CFG | TOC in Hindi video
- 39 Equivalent Grammar Solved Examples in TOC in Hindi video
- 40 Equivalent grammar solved examples 02 in TOC in Hindi video
- 41 Chomsky's Normal Form (CNF) in Hindi video
- 42 CFG to CNF Conversion in TOC in Hindi video
- 43 CFG to CNF conversion solved example in Hindi video | TOC
- 44 Grammar to CNF conversion solved examples in Hindi video | TOC
- 45 GREIBACH NORMAL FORM (GNF) in TOC in Hindi video
- 46 Simplify the grammar, removal of null production with solved examples | TOC in Hindi video
- 47 Convert CFG to LMD, RMD, Parse tree with solved examples in Hindi video | TOC

- 48 Convert CFG Grammar to NFA to DFA | TOC in Hindi video
- 49 Pushdown Automata explained, PDA Examples in Hindi video | TOC
- 50 Difference between Regular Grammar regular expression repression regular languages in TOC in Hindi video
- 51 JFLAP | TOC in Hindi video
- 52 Design a Turing machine using JFLAP | TOC in Hindi video