

1. Write a note on Chomsky Hierarchy with an example to each class of grammar.
2. Write a note on multi tape Turing machine with an example....
3. Define post correspondence problem with an example
4. Construct Turing machine that generates 2's compliment of a given binary string as output. And write instantaneous description for the string 11110101
5. Write a note on recursive and recursively enumerable language.