[MIT6\_045JS11\_lec05.pdf | Automata, Computability, and Complexity | Electrical Engineering and Computer Science | MIT OpenCourseWare](https://ocw.mit.edu/courses/6-045j-automata-computability-and-complexity-spring-2011/resources/mit6_045js11_lec05/)

Syntax vs Semantic analysis

<https://gateoverflow.in/463/gate-cse-2008-question-51?show=383066#a383066>

MUST MUST : [Identify the Class of a Given Language - GATE CSE](https://gatecse.in/identify-the-class-of-a-given-language/#10._.24L_.3D_.5C.7Bxwyw_.5Cmid_w.2Cx.2Cy_.E2.88.88_.28.7Ba.2Bb.7D.29.5E.2B.5C.7D.24)

Countability : [Countability : Part 1 : Easy and BEST Method - YouTube](https://www.youtube.com/watch?v=3zom7viY2Ao&list=PLIPZ2_p3RNHiMGiPFIOPJG_ApL43JkILI&index=1)