* Lexence is a meaningful sequence of fa characters in the source program. * Pattern is a sule of description.

eg: A regular expression of identifier - l (l+d)*

A regular expression of delimiter - d (d)* Input Buffer

* Let us examine some ways that the simple
but important task of reading the source profrom

can be speeded. often have to look one or more character beyond the next lexence before we can be sure we have the right lexence. to we, thus, introduce a 2 buffer scheme that handle dange look ahead safely. * We then consider our improvement involving sentinal that save time objecking for the end of input buffer Buffered Pair Algorithm

* The amount of time taken to process character and large no of characters that must be processed during the compilation of large source programs. Specialised buffering technique have been developed to reduce the lamount of overhead required to process a single input







