EDIDIONG IME- ESSIEN

CSC312

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**Question**

Explain Loop & Switch Scanner

**Answers**

A "loop & switch" implementation consists of a main loop that reads characters one by

one from the input file and uses a switch statement to process the character(s) just read. The output is a list of tokens and lexemes from the source program. Loop and switch scanners are sometimes called adhoc scanners indicating their design and purpose of solving a specific instance rather than a general problem. For a sufficiently

reasonable set of token types, a hand coded, loop and switch scanner might be all that’s needed.