In one word, the front-end of a compiler does what?

The back-end?

Analysis.

Sythesis.

The front-end's analysis can be broken into
what three stages?

- Lexical analysis
- Syntactic analysis
- Semantic analysis

How are lexers typically defined and implemented?

Each element of the set of tokens is described with a regular expression, and the lexer itself is implemented as a DFA.