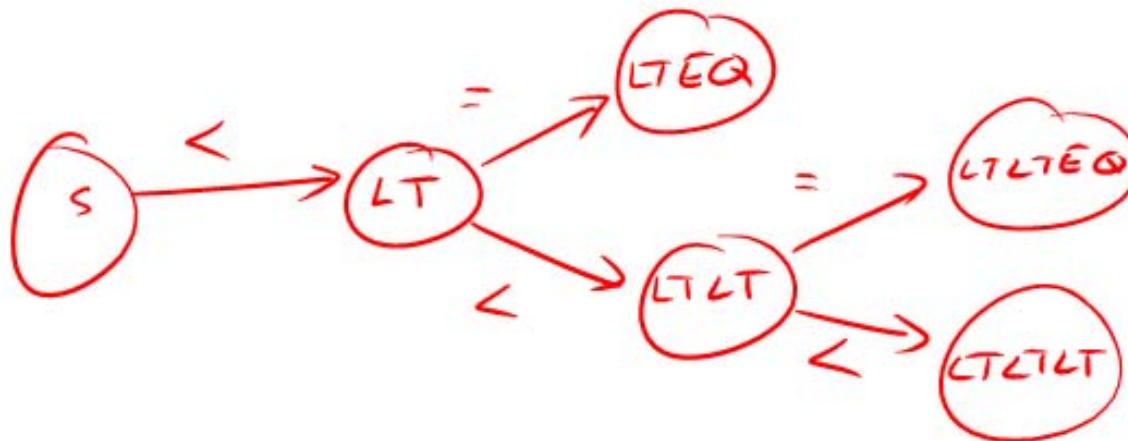
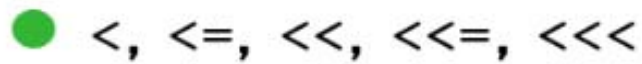
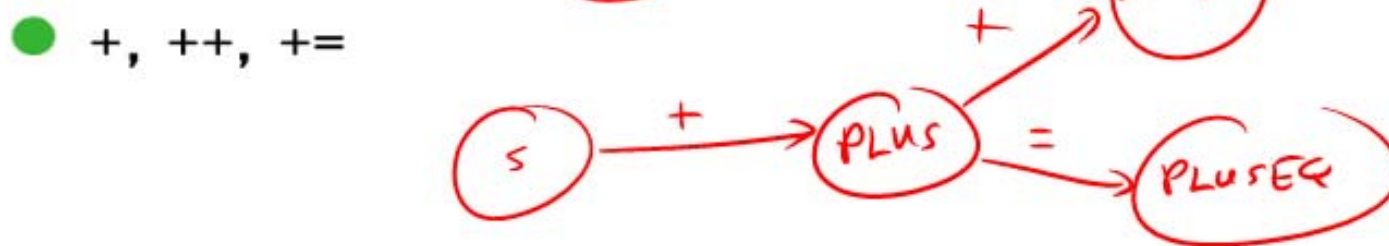


Ex: DFA for operators



Ex: DFA for integer constants



Lexing actions

```
lexing_action (state, tokenchars, tokenlis) {
```

```
  switch (label(state)) {
```

```
    case ERROR:
```

raise lex error

```
    case DISCARD:
```

(do nothing *)*

```
    case ID_OR_KW:
```

*check if tokenchars match a
keyword. If so, return keyword :: tokenlis,
else return ID tokenchars :: tokenlis*

```
  default:
```

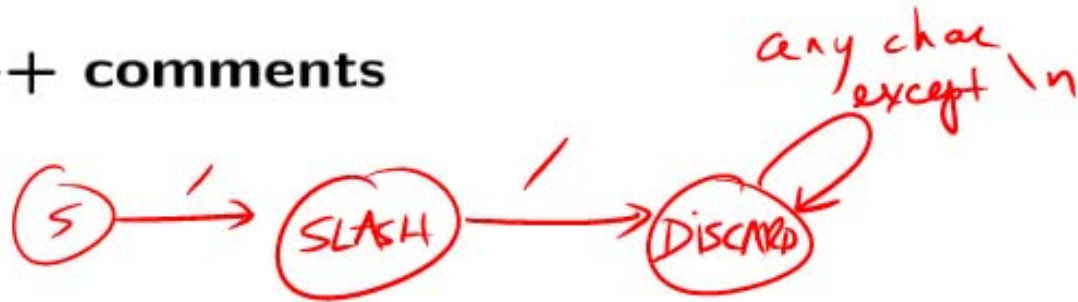
return label(state) :: tokenlis

```
}
```

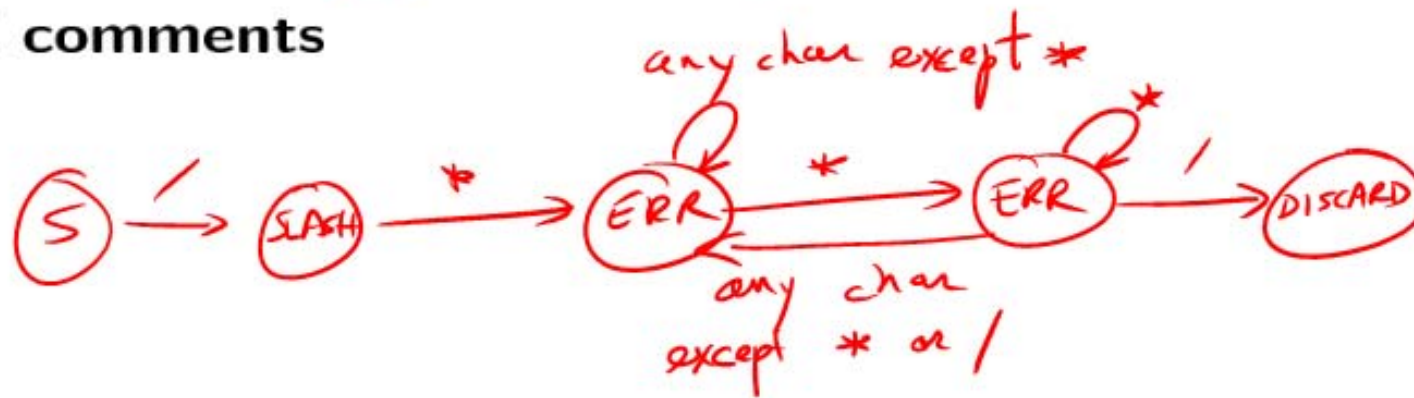
```
}
```

DFAs for comments

- C++ comments



- C comments



- OCaml comments

Not possible