

```
if (c = nextchar() == 'c') {
    if (c = nextchar() == 'l') {
        /* Code to handle the rest of either
           "class", or any identifier that starts
           with "cl"
        */
    } else if (c == 'a') {
        /* Code to handle the rest of either
           "case" or any identifier that starts
           with "ca"
        */
    } else {
        /* Code to handle any identifier that starts
           with c
        */
    }
} else if (c = .. many more nested ifs for the
           rest of the lexical analyzer
```

Figure 2.2: Partial code listing for brute-force lexical analyzer.