```c
 1: // シングルクォートとダブルクォートの数を数えるプログラム
 2: #include <stdio.h>
 3: #include <stdlib.h>
 4:
 5: int main(int argc, char *argv[])
 6: {
 7:     int c;
 8:     int sq = 0;          // ' の数
 9:     int dq = 0;          // " の数
10:
11:     /*
12:      * exit program if arguments are specified
13:      */
14:     if (argc > 1) {
15:         fprintf (stderr, "unexpected arguments\n");
16:         exit(1);
17:     }
18:
19:     while ((c = getchar()) != EOF) {
20:         switch (c) {
21:         case '\'':
22:             sq++;
23:             break;
24:         case '"':
25:             dq++;
26:             break;
27:         default:
28:             break;
29:         }
30:     }
31:
32:     printf ("number of ' is %d\n", sq);
33:     printf ("number of \" is %d\n", dq);
34:
35:     exit(0);
36: }
```