

```
1  'use strict';
2
3  /* Cat Detector
4
5     This programs prompts the user to input a cat,
6     and lets them know if they did input a cat or not.
7
8     Data In:
9         Any string
10
11     Data Out:
12         A string describing if the user's input was "cat" or not
13 */
14
15 // --- gather the user's input (canceling not allowed) ---
16
17 let input = null;
18 while (input === null) {
19     input = prompt('please enter "cat"');
20     console.log('user input:', input);
21 }
22
23 // --- check the input and create a message ---
24
25 let message = '';
26 if (input !== 'cat') {
27     message = '"' + input + '" is not a cat';
28     console.log('path: if');
29 } else {
30     message = 'thank you for the cat';
31     console.log('path: else');
32 }
33 console.log('final message:', message);
34
35 // --- display the message for the user ---
36
37 alert(message);
```

