

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