

```
1 # This program allows the user to search the
2 # coffee.txt file for records matching a
3 # description.
4
5 def search():
6     # Create a bool variable to use as a flag.
7     found = False
8
9     # Get the search value.
10    search = input('Enter a description to search for: ')
11
12    # Open the coffee.txt file.
13    coffee_file = open('coffee.txt', 'r')
14
15    # Read the first record's description field.
16    descr = coffee_file.readline()
17
18    # Read the rest of the file.
19    while descr != "":
20        # Read the quantity field.
21        qty = float(coffee_file.readline())
22
23        # Strip the \n from the description.
24        descr = descr.rstrip('\n')
25
26        # Determine whether this record matches
27        # the search value.
28        if descr == search:
29            # Display the record.
30            print('Description:', descr)
31            print('Quantity:', qty)
32            print()
33            # Set the found flag to True.
34            found = True
35
36        # Read the next description.
37        descr = coffee_file.readline()
38
39    # Close the file.
40    coffee_file.close()
41
42    # If the search value was not found in the file
43    # display a message.
44    if not found:
45        print('That item was not found in the file.')
```