

```
1 # This program allows the user to delete
2 # a record in the coffee.txt file.
3
4 import os
5
6 def del_coffee():
7     # Create a bool variable to use as a flag.
8     found = False
9
10    # Get the coffee to delete.
11    search = input('Which coffee do you want to delete? ')
12
13
14    # Open the original coffee.txt file.
15    coffee_file = open('coffee.txt', 'r')
16
17    # Open the temporary file.
18    temp_file = open('temp.txt', 'w')
19
20    # Read the first record's description field.
21    descr = coffee_file.readline()
22
23    # Read the rest of the file.
24    while descr != "":
25        # Read the quantity field.
26        qty = float(coffee_file.readline())
27
28        # Strip the \n from the description.
29        descr = descr.rstrip('\n')
30
31        # If this is not the record to delete, then
32        # write it to the temporary file.
33        if descr != search:
34            # Write the record to the temp file.
35            temp_file.write(descr + '\n')
36            temp_file.write(str(qty) + '\n')
37        else:
38            # Set the found flag to True.
39            found = True
40
41        # Read the next description.
42        descr = coffee_file.readline()
43
44    # Close the coffee file and the temporary file.
45    coffee_file.close()
46    temp_file.close()
47
48    # Delete the original coffee.txt file.
49    os.remove('coffee.txt')
50
51    # Rename the temporary file.
52    os.rename('temp.txt', 'coffee.txt')
53
54    # If the search value was not found in the file
55    # display a message.
56    if found:
57        print('The file has been updated.')
58    else:
59        print('That item was not found in the file.')
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```

