```
Timer unit: 4.27655e-07 s

Total time: 3.02697 s
File: c:\users\YourName\Lesson 1\CherryO.py
Function: cherryo at line 8

Line #      Hits         Time  Per Hit   % Time  Line Contents
==============================================================
     8                                           @profile
     9                                           def cherryo():
    10         1          5.0      5.0      0.0      spinnerChoices =
[-1, -2, -3, -4, 2, 2, 10]
    11         1          2.0      2.0      0.0      turns = 0
    12         1          1.0      1.0      0.0      totalTurns = 0
    13         1          1.0      1.0      0.0      cherriesOnTree =
10
    14         1          1.0      1.0      0.0      games = 0
    15
    16     10002      36775.0      3.7      0.5      while games <
10001:
    17                                                   # Take a turn
as long as you have more than 0 cherries
    18     10001      25568.0      2.6      0.4
cherriesOnTree = 10
    19     10001      27091.0      2.7      0.4          turns = 0
    20    168060     464529.0      2.8      6.6          while
cherriesOnTree > 0:
    21
    22                                                       # Spin
the spinner
    23    158059    4153276.0     26.3     58.7              spinIndex
= random.randrange(0, 7)
    24    158059     487698.0      3.1      6.9
spinResult = spinnerChoices[spinIndex]
    25
    26                                                       # Print
the spin result
    27                                                       #print
"You spun " + str(spinResult) + "."
    28
    29                                                       # Add or
remove cherries based on the result
    30    158059     460642.0      2.9      6.5
cherriesOnTree += spinResult
    31
    32                                                       # Make
sure the number of cherries is between 0 and 10
    33    158059     458508.0      2.9      6.5              if
cherriesOnTree > 10:
    34     42049     112815.0      2.7      1.6
```

```
cherriesOnTree = 10
    35    116010     325651.0      2.8      4.6              elif
cherriesOnTree < 0:
    36      5566      14506.0      2.6      0.2
cherriesOnTree = 0
    37
    38                                                       # Print
the number of cherries on the tree
    39                                                       #print
"You have " + str(cherriesOnTree) + " cherries on your tree."
    40
    41    158059     445969.0      2.8      6.3              turns +=
1
    42                                                   # Print the
number of turns it took to win the game
    43                                                   #print "It
took you " + str(turns) + " turns to win the game."
    44     10001      29417.0      2.9      0.4          games += 1
    45     10001      31447.0      3.1      0.4          totalTurns +=
turns
    46
    47         1        443.0    443.0      0.0      print
("totalTurns "+str(float(totalTurns)/games))
    48                                                   #lastline =
raw_input(">")
    49
    50                                                   # Output how long
the process took.
    51         1       3723.0   3723.0      0.1      print ("--- %s
seconds ---" % (time.time() - start_time))
```