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
def cherryo():
9 | | | | | spinnerChoices = [-1, -2, -3, -4, 2, 2, 10]
10 | 1 | 5.0 | 5.0 | 0.0 | turns = 0
totalTurns = 0
cherriesOnTree =
11 | 1 | 2.0 | 2.0 | 0.0 | games = 0
12 | 1 | 1.0 | 1.0 | 0.0 | cherriesOnTree =
13 | 1 | 1.0 | 1.0 | 0.0 | while games < 10001:
14 | 1 | 1.0 | 1.0 | 0.0 |     # Take a turn
15 |
16 | 10002 | 36775.0 | 3.7 | 0.5 | while cherriesOnTree > 0:
17 | 10001 | 25568.0 | 2.6 | 0.4 |     # Spin
18 |
19 | 10001 | 27091.0 | 2.7 | 0.4 |     spinIndex = random.randrange(0, 7)
20 | 168060 | 464529.0 | 2.8 | 6.6 |     spinResult = spinnerChoices[spinIndex]
21 | | | | |     # Print
22 |
23 | 158059 | 4153276.0 | 26.3 | 58.7 |     "You spun " + str(spinResult) + "."
24 | 158059 | 487698.0 | 3.1 | 6.9 | # Add or
25 | | | | | remove cherries based on the result
26 | | | | | # Make
27 | | | | | sure the number of cherries is between 0 and 10
28 | | | | | if cherriesOnTree > 10:
cherriesOnTree = 10
elif cherriesOnTree < 0:
    cherriesOnTree = 0
    # Print
    "You have " + str(cherriesOnTree) + " cherries on your tree."
    turns += 1
    # Print the number of turns it took to win the game
    "It took you " + str(turns) + " turns to win the game."
games += 1
totalTurns += turns
print ("totalTurns "+str(float(totalTurns)/games))
#lastline = raw_input(">")
# Output how long the process took.
print ("--- %s seconds ---" % (time.time() - start_time))