Incorrect. The correct system is

$x + y + z = 2,000$

$4x = z$ or $4x - z = 0$

$0.03x + 0.06y + 0.08z = 135$

Multiply by 100 to get rid of decimals: $3x + 6y + 8z = 13,500$

Multiply the first equation by -6 and add it to the third new equation to eliminate y. Together with the second equation, you now have a system of two equations and two variables to solve.