This answer gives the correct number of coins, but it is not the right total value. Fifteen dimes are worth $1.50, and 6 quarters are worth $1.50. This would be a total of $3.00, not $2.70. The correct equations with which to start the problem are:

(A) $d + q = 21$

(B) $0.10d + 0.25q = 2.70$