SOLUTION:

For each other

Logenerate a random number out of uniform distribution pc [0,1]

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- repeat M times

 $\overline{Na} = \frac{Na^{(1)} + Na^{(2)} + ... + Na^{(M)}}{M}$ $\underline{STD(Na)} = ... \frac{\sum_{i=1}^{M} (Na^{(i)} - Na)^{2}}{M-1}$

V= Na + 20 STD (Na)

Total Payoff = V . 50 K&

premium = Total Payoff = V.50 K\$