CEREAL PROGRAM WITH COMMENTARY (WILL NOT RUN)

Input "TRIALS=",N
\{0,0,0,0,0,0,0,0,0,0,0,0,0,0, LIST L\€ RECORDS FREQUENCIES:
INITIALLY ALL ARE 0

MAKE A LIST OF LENGTH 60 IN L;
MAKE L; = \{1,2,3,....,60\}

A WILL ULTIMATELY BE THE AVERAGE NUMBER
BOUGHT. RIGHT NOW IT IS THE TOTAL BOUGHT, INITIALLY

MAIN TRIAL LOOP

S IS HOW MANY MEDALS WE HAVE
C IS HOW MANY BOXES WE BOUGHT
RECORD WHICH MEDALS ACQUIRED
BUY UNTIL 6 MEDALS
BOUGHT ANOTHER BOX
WHAT MEDAL?
IF NEW MEDAL

RECORD WE HAVE THIS NOW
RECORD ONE MORE MEDAL

END (BUYING ALL 6 MEDALS)
RECORD THAT THIS TRIAL WE BOUGHT C BOXES
UPDATE TOTAL BOUGHT
END THIS TRIAL

CONVERT FREQUENCY TO PROBABILITY
CONVERT TOTAL TO AVERAGE