

print xt mad

XT MAD 12/10 2237.3

EXTERNAL FUNCTION(YEAR, MONTH, DAY, HOUR, MIN, SEC)  
VECTOR VALUES NM(1) = 31,59,90,120,151,181,212,243,273,304  
:1 ,334,365  
NORMAL MODE IS INTEGER  
VECTOR VALUES MAGIC = 50167273K  
:R  
ENTRY TO NMIKE.  
NDAYS = (YEAR-1)\*365 + NM(MONTH-1) + DAY-1 + YEAR/4  
WHENEVER MONTH .LE. 2 .AND. YEAR .E. (YEAR/4)\*4  
NDAYS = NDAYS - 1  
END OF CONDITIONAL  
:R  
NOCTS = NDAYS/8  
NDAYS = NDAYS - NOCTS\*8  
OCT = NOCTS\*MAGIC + ((.ABS.(NDAYS\*MAGIC)).RS.3)  
:1 + ((HOUR\*56250000 + MIN\*937500 + SEC\*15625) .RS. 10)  
~~\_\_\_\_\_~~  
FUNCTION RETURN OCT  
END OF FUNCTION