



ΑΡΧΑΙΑ

Αυτό το πρόγραμμα μπορεί να φανεί χρήσιμο στους μαθητές του Λυκείου και γενικά σε όσους ασχολούνται με αρχαία. Βασικά, εκτελεί δύο λειτουργίες. Πρώτον, δείχνει τον πίνακα των αριθμητικών (που αποτελείται από 4 σθόνες) και δεύτερον, κλίνει τα αριθμητικά ουσιαστικά. Γι' αυτό τα ακολού, σχεδιάζεται ένας ειδικός πίνακας που περιλαμβάνει ενικό, πληθυντικό, 5 πτώσεις και τα άρθρα. (Όλα αυτά βεβαίως γίνονται στον AMSTRAD).

Παρακάτω ακολουθεί μια ανάλυση της δομής του προγράμματος:

10 - 90	Remarks
100 - 470	Ελληνικοί χαρακτήρες (δανεισμένοι από άλλο πρόγραμμα).
480 - 590	Menu
600 - 1310	Πίνακας των αριθμητικών
1320 - 1850	Πληροφορίες και κλίση των αριθμητικών ουσιαστικών

ΤΣΑΠΟΓΑΣ ΓΙΩΡΓΟΣ

ΑΘΗΝΑ

ΖΩΟΔΟΧΟΥ ΠΗΓΗΣ 132 - 134

ΤΗΛ. 6432745

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10 REM *****
20 REM *          TSAPOGAS GEORGIOS          *
30 REM *                                     *
40 REM *          --ARXIA ELLHNIKA--         *
50 REM *                                     *
60 REM * ELISH ARITHMETIKHN OYSIASTIKHN      *
70 REM *          LAI                        *
80 REM *          FINAKAS TVN ARITHMETIKHN    *
90 REM *****
100 CLS:MODE 1:PEN 6
110 SYMBOL AFTER 12
120 SYMBOL 97,50,50,57E,5DC,5CC,5DC,57E,50
130 SYMBOL 98,57C,5C6,5C6,5FC,5C6,5C6,5FB,5C0
140 SYMBOL 103,50,566,566,53C,566,566,566,53C
150 SYMBOL 100,53C,560,560,53C,566,566,53C,50

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160 SYMBOL 101,50,50,51E,530,57C,530,51E,50
170 SYMBOL 122,50,53E,56,56,53a,566,566,53C
180 SYMBOL 104,50,50,5DB,566,566,566,566,50
190 SYMBOL 117,53E,56C,5C6,5FE,5C6,5C6,53B,50
200 SYMBOL 85,57C,5C6,5C6,5FE,5C6,5C6,57C,50
210 SYMBOL 105,50,50,51B,51B,51B,51B,51E,50
220 SYMBOL 107,50,50,5E6,56C,57B,56C,5E6,50
230 SYMBOL 108,50,5C0,560,530,53B,56C,5C6,50
240 SYMBOL 109,50,50,566,566,566,57C,560,560
250 SYMBOL 110,50,50,566,566,566,53C,51B,50
260 SYMBOL 119,50,50,53C,560,53C,56,57C,50
270 SYMBOL 106,53E,5C,51B,530,53E,5C,51B,53C
280 SYMBOL 112,50,50,5FE,56C,56C,56C,56C,50
290 SYMBOL 114,50,50,53C,566,566,57C,560,560
300 SYMBOL 115,50,50,57E,5DB,5DB,5DB,570,50
310 SYMBOL 116,50,50,57C,530,530,536,51C,50
320 SYMBOL 121,50,50,566,566,566,566,53C,50
330 SYMBOL 102,510,510,57C,5DB,5DB,57C,510,510
340 SYMBOL 120,50,5E6,53C,51B,53B,56C,5C7,50
350 SYMBOL 99,50,51B,51B,5DB,5DB,57E,51B,51B
360 SYMBOL 118,50,50,566,5C3,5DB,5DB,57E,50

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Α ΜΠΟΥΧΕΙΝ
ΤΕΤΑΡΕΣ ΣΚΟΥΡΩΝ
ΓΑΡ ΦΑΥΣΟΛΙΣΘΑΙ
ΥΠΟΤΩΝ ΟΥΚ
ΚΑΤΑΝΩΝ ΧΡΕΙ
ΝΟΕΙΝ ΚΑΡΤΑ
ΓΑΡΓΑΡΩΝ ΔΕΙ
ΒΙΔΕΣ ΜΕΝ

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370 REM **** KEPALATA ****
380 SYMBOL 71:87E,860,860,860,860,860,860,860
390 SYMBOL 68:818,83C,866,866,866,866,87E,860
400 SYMBOL 76:818,83C,866,866,866,866,866,860
410 SYMBOL 74:8FE,86C,882,87C,882,86C,8FE,860
420 SYMBOL 80:8FE,86C,86C,86C,86C,86C,86C,860
430 SYMBOL 82:8FC,866,866,878,860,860,860,860
440 SYMBOL 83:8FE,866,830,818,830,866,8FE,860
450 SYMBOL 70:810,87C,8DA,8DA,8DA,8DA,87C,810
460 SYMBOL 67:8C3,8DB,8DB,8FF,818,818,818,860
470 SYMBOL 86:87C,86C,86C,86C,86C,86C,8EE,860
480 CLS:SOUND 1.80,15,15:SOUND 1.90,15,15:SOUND 1.100,15,15:LO
UND 1.100,15,15:SOUND 1.90,15,15:SOUND 1.80,15,15:LO
DATE 1.1:PRINT"*****"
490 LOCATE 12,3:PRINT"GIVRGDS TBAF0GAS"
500 LOCATE 5,5:PRINT"KLISH ARIUMHTIKVN OYGIASHTIKVN"
510 LOCATE 1,7:PRINT"*****"
520 LOCATE 16,15:PRINT"DIALEJE:"
530 LOCATE 1,18:PRINT"1.....KLISH ARIUMHTIKVN OYGIASHTIKVN"
540 LOCATE 1,20:PRINT"2.....PINAKAS TVN ARIUMHTIKVN"
550 AS=INKEYS
560 IF AS="" THEN GOTO 530
570 IF AS="1" THEN GOTO 1320
580 IF AS="2" THEN GOTO 600
590 GOTO 550
600 CLS:SOUND 1.50,200,15:PEN 13
610 LOCATE 4,1:PRINT"*** PINAKAS TVN ARIUMHTIKVN ***"
620 LOCATE 3,5:PRINT"Arabika Ark,ell, Acolyta"
630 LOCATE 4,6:PRINT"chfia shmsia"
640 LOCATE 1,7:FOR t=1 TO 40:PRINT CHR$(154):NEXT
650 LOCATE 6,8:PRINT"1 a' eiw, mia, en"
660 LOCATE 6,9:PRINT"2 b' dvo"
670 LOCATE 6,10:PRINT"3 g' treiw, tria"
680 LOCATE 6,11:PRINT"4 d' tessarw, tessara"
690 LOCATE 6,12:PRINT"5 e' pente"
700 LOCATE 6,13:PRINT"6 w' ej"
710 LOCATE 6,14:PRINT"7 z' epta"
720 LOCATE 6,15:PRINT"8 h' oktv"
730 LOCATE 6,16:PRINT"9 u' ennea"
740 LOCATE 1,22:PRINT"PATA 'S' GIA NA SYNEXISEIS"
750 BS=INKEYS
760 IF BS="" THEN GOTO 750
770 IF BS="a" OR BS="S" THEN GOTO 790
780 GOTO 750
790 CLS:SOUND 1.50,200,15:LOCATE 4,1:PRINT"*** PINAKAS TVN ARIUM
800 LOCATE 4,5:PRINT"Tahtika Pollaolasia="
810 LOCATE 25,6:PRINT"atika"
820 LOCATE 1,7:FOR t=1 TO 40:PRINT CHR$(154):NEXT
830 LOCATE 4,8:PRINT"prvtow, prvth, prvton aplowv"
840 LOCATE 4,9:PRINT"devterow, -era, -eron diplaywv"
850 LOCATE 4,10:PRINT"tritow, -h, -on triplaywv"
860 LOCATE 4,11:PRINT"tetartow, -arth, -arton tetrasplaywv"
870 LOCATE 4,12:PRINT"pentow, -h, -on pentasplaywv"
880 LOCATE 4,13:PRINT"ektow, -h, -on ejasplaywv"
890 LOCATE 4,14:PRINT"sdptomow, -omh, -omon eotaplaywv"
900 LOCATE 4,15:PRINT"ogdow, -oh, -on oktaplaywv"
910 LOCATE 4,16:PRINT"enatow, enath, enaton enneaplaywv"
920 LOCATE 1,22:PRINT"PATA 'S' GIA NA SYNEXISEIS"
930 AS=INKEYS
940 IF AS="" THEN GOTO 930
950 IF AS="a" OR AS="S" THEN GOTO 970
960 GOTO 930
970 CLS:SOUND 1.40,200,15:LOCATE 4,1:PRINT"*** PINAKAS TVN ARIUMHTIKVN ***"

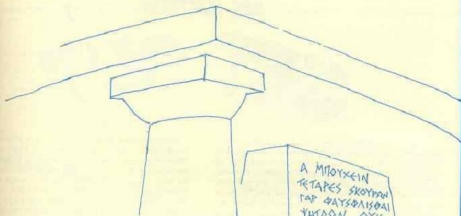
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AMSTRAD

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980 LOCATE 8,5:PRINT"Analostika Xronika"
990 FOR x=1 TO 40:PRINT CHR$(154):NEXT
1000 LOCATE 8,7:PRINT" - "
1010 LOCATE 8,8:PRINT"diplasiow devteraicw"
1020 LOCATE 8,9:PRINT"triplesiow tritalow"
1030 LOCATE 8,10:PRINT"tetraplesiow teteralow"
1040 LOCATE 8,11:PRINT"pentaplesiow penotalow"
1050 LOCATE 8,12:PRINT"ejaplesiow -"
1060 LOCATE 8,13:PRINT"ektaplesiow -"
1070 LOCATE 8,14:PRINT"oktaplesiow -"
1080 LOCATE 8,15:PRINT"enneaplesiow enataicw"
1090 LOCATE 1,22:PRINT"DATA 'S' GIA NA SYNEXISEIS"
1100 as=INKEY$
1110 IF as="" THEN 1100
1120 IF as="s" OR as="S" THEN 1140
1130 GOTO 1100
1140 CLS:SOUND 1,30,200,15:LOCATE 4,1:PRINT"*** PINAKAS TVN ARIUMHTIKVN ***"
1150 LOCATE 9,4:PRINT"Ovsiastika Epirrhata"
1160 FOR x=1 TO 40:PRINT CHR$(154):NEXT
1170 LOCATE 11,6:PRINT"monaw apaj"
1180 LOCATE 11,7:PRINT"dyaw diw"
1190 LOCATE 11,8:PRINT"traw triw"
1200 LOCATE 11,9:PRINT"tetraw tetrakiw"
1210 LOCATE 11,10:PRINT"pempaw pentakiw"
1220 LOCATE 11,11:PRINT"ejaw ejakiw"
1230 LOCATE 11,12:PRINT"ektaw(ekai) ektakiw"
1240 LOCATE 11,13:PRINT"ebdonaw)"
1250 LOCATE 11,14:PRINT"oktaw oktakiw"
1260 LOCATE 11,15:PRINT"enneaw enakiw"
1270 LOCATE 1,22:PRINT"DATA 'S' GIA NA SYRISEIS STO MENOV"
1280 as=INKEY$
1290 IF as="" THEN 1280
1300 IF as="q" OR as="Q" THEN 480
1310 GOTO 1280
1320 CLS:FEN 15:SOUND 1,500,20,15:SOUND 1,400,20,15:SOUND 1,300,20,15:LOCATE
:PRINT"*** ARIUMHTIKA DYSIASTIKA ***"
1330 LOCATE 1,3:PRINT"Ta ariumhtika ovsiastika shmainovn afh="
1340 LOCATE 1,5:PRINT"rhmenh ariumhtikh cosothta, dhl. pihuow"
1350 LOCATE 1,7:PRINT"apo omolew monadew opoiouvthpote midovw."
1360 as="aw":is="adaw":es="adi":rs="ada":ts="adew":ys="advn":us="adaw"
1370 LOCATE 1,15:PRINT"DOSE THN ONOMASTIKH TOY ENIKOY ARIUMDY"
1380 LOCATE 1,17:INPUT"TOY OYSIASTIKOY (MONAS-EIKOSAS):".as
1390 CLS:FEN 13:MODE 1:SOUND 1,600,20,15:SOUND 1,620,20,15:SOUND 1,640,20,
ND 1,660,20,15:SOUND 1,680,20,15:SOUND 1,660,20,15:S
OUND 1,640,20,15:SOUND 1,620,20,15:SOUND 1,600,20,15
1400 IF ms="monaw" THEN ns="mon"
1410 IF ms="dyaw" THEN ns="dy"
1420 IF ms="traw" THEN ns="tri"
1430 IF ms="tetraw" THEN ns="tetr"
1440 IF ms="pempaw" THEN ns="pemp"
1450 IF ms="pentaw" THEN ns="pent"
1460 IF ms="ejaw" THEN ns="ej"
1470 IF ms="ektaw" THEN ns="ekt"
1480 IF ms="oktaw" THEN ns="okt"
1490 IF ms="enneaw" THEN ns="enne"
1500 IF ms="dekaw" THEN ns="dek"
1510 IF ms="entekaw" THEN ns="entek"
1520 IF ms="dydekaw" THEN ns="dydek"
1530 IF ms="dekatrion" THEN ns="dekatrion"
1540 IF ms="dekatetraw" THEN ns="dekatetr"
1550 IF ms="dekapempaw" THEN ns="dekapemp"

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A ΜΠΟΥΧΕΙΝ
ΤΕΤΑΡΕΣ ΣΚΟΥΡΩΝ
ΤΑΡ ΦΑΥΣΦΑΙΣΘΑΙ
ΥΠΟΤΩΝ ΟΥΚ
ΚΑΝΑΝΣΙΝ ΧΡΕΙ
ΝΟΕΙΝ ΚΑΡΤΑ
ΤΑΡΤΑΡΩΝ ΔΕΙ
ΒΙΔΕΣ ΜΕΝ

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1560 IF a$="dekakentaw" THEN n$="dekakent"
1570 IF a$="dekakentaw" THEN n$="dekakent"
1580 IF a$="dekakentaw" THEN n$="dekakent"
1590 IF a$="dekakentaw" THEN n$="dekakent"
1600 IF a$="dekakentaw" THEN n$="dekakent"
1610 IF a$="dekakentaw" THEN n$="dekakent"
1620 LOCATE 3,1:PRINT"KLISH TOY ARIUMHTIKOY OYSIASTIKOY;"
1630 LOCATE 13,2:PRINT"*** "in$:" ***"
1640 LOCATE 40,5:PRINT CHR$(154)
1650 LOCATE 2,5:FOR I=2 TO 39:PRINT CHR$(154):NEXT
1660 LOCATE 1,5:PRINT CHR$(150)
1670 LOCATE 2,7:FOR I=2 TO 39:PRINT CHR$(154):NEXT
1680 LOCATE 1,6:FOR I=6 TO 12:PRINT CHR$(149):NEXT
1690 LOCATE 1,13:PRINT CHR$(147)
1700 LOCATE 2,13:FOR I=2 TO 39:PRINT CHR$(154):NEXT
1710 LOCATE 40,13:PRINT CHR$(153)
1720 LOCATE 40,6:PRINT CHR$(149):LOCATE 40,7:PRINT CHR$(149):LOCATE 40,8:PRINT CHR$(149)
1730 LOCATE 40,9:PRINT CHR$(149):LOCATE 40,10:PRINT CHR$(149):LOCATE 40,11:PRINT CHR$(149)
1740 LOCATE 40,12:PRINT CHR$(149)
1750 LOCATE 9,6:PRINT"ENIKOS":LOCATE 26,6:PRINT"PLHUYNTIKOS"
1760 LOCATE 2,8:PRINT"O",CHR$(149):LOCATE 2,9:PRINT"Ge",CHR$(149):LOCATE 2,10:PRINT"De",CHR$(149):LOCATE 2,11:PRINT"Al",CHR$(149):LOCATE 2,12:PRINT"Kl",CHR$(149)
1770 LOCATE 6,8:PRINT"h":LOCATE 6,9:PRINT"thw":LOCATE 6,10:PRINT"th":LOCATE 6,11:PRINT"thn":LOCATE 6,12:PRINT"v)"
1780 LOCATE 22,8:PRINT CHR$(149):"a":LOCATE 22,9:PRINT CHR$(149):"evn":LOCATE 2,10:PRINT CHR$(149):"tw":LOCATE 22,11:PRINT CHR$(149):"v)"
1790 LOCATE 10,9:PRINT n$:w$:LOCATE 10,10:PRINT n$:p$:LOCATE 10,11:PRINT n$:q$:LOCATE 10,12:PRINT n$:d$
1800 LOCATE 28,8:PRINT n$:t$:LOCATE 28,9:PRINT n$:y$:LOCATE 28,10:PRINT n$:b$:LOCATE 28,11:PRINT n$:s$:LOCATE 28,12:PRINT n$:z$
1810 LOCATE 1,20:PRINT"ΠΑΤΑ 'G' ΓΙΑ ΝΑ ΓΥΡΙΣΕΙΣ ΣΤΟ ΜΕΝΟΥ"
1820 a$=INKEY$
1830 IF a$="" THEN 1820
1840 IF a$="q" OR a$="G" THEN GOTO 480
1850 GOTO 1820
```