
 LISTING OF TV130385.BAS

5REN August 4th 1984 Political Poll

20nn=9:REM Party figures

21DATA43,47,48,48,47,44,46,44:REM Labour

22DATA37,35,35,36,35,42,42,41:REM National

23DATA9,7,6,5,6,6,6,5:REM Social Credit

24DATA12,11,11,11,12,8,6,7:REM N.Z.

** Party %ages - replace marked figs.*

25survey#=" Mar9":title#="Jul14 Sept29 Feb2" *Titles for screen one.*

40np=7:REM Overall performance of the Govt

41DATA56,58,58,62,50,48,50

42REN LANGE is handling job as P.H.

43DATA67,70,75,75,67,59,56

44REN MULDOON handling job as Opp. Leader

** Replace marked figs.*

45DATA28,34,34,22,27,46,43

100GOSUB1000:REM Initialise

105 ~~REM~~ GOSUB2000:REM Line graphs

110 GOSUB4000:REM Lange/Muldoon

120REM GOSUB5000: Rem Cabinet Ministers Performance

125GOSUB 3000:REM Rugby Poll

130GOSUB 6000:REM Summary

9996GOSUB1999:DISPLAYOFF:SELECT1:CLS:GOSUB1999:END

1000CLS:SELECT4:DISPLAY4OFF:zx=0:REM Initialisation

1005BACK64:GOSUB1998:DIM y(np)

1006zx%=3:DIMzf\$(zx%-1):zf\$(0)="B1W":zf\$(1)="A1-0":zf\$(2)="A0-5":REM Character sets

1007DIMX\$(3):OPENLOGGRAPH*ONE-HEY"AS1:FORx=0TO7:LOAD#1,Z\$:IFxMOD2=0 X\$(xDIV2)=Z\$

1008 NEXT:CLOSE1

1010OPEN OLD GRAPH zf\$(zx%)AS 1

1020LOAD#1,z\$

Main line
 This determines order of presentation of screens
 Remove REM from line 105
~~By~~ Note line 120 not necessary
 During testing put in REMs as required - the initialise is needed for all screens.

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1030z1#=LEFT$(z$,1)
1040IF z1#<>"S" AND z1#<>"D" CLOSE1:PRINTzfX(zX);"!CNot a character set":STOP
1050zn%=ASC(MID$(z$,3,1))-1:IFzX=0DIMz$(zn%,zx%),zn%(zx%),zw%(zn%,zx%),zs%(zx%),z1$(zx%)
1060zn%(zX)=zn%:z1$(zX)=z1$:IFz1#="S"zw%(0,zX)=ASC(MID$(z$,4,1)):REM zn%=Table size: zw%=character width
1070zs%(zX)=ASC(MID$(z$,2,1)):REM Start code
1080FOR z=0TOzn%
1090 LOAD#1,z$(z,zX)
1100 IFz1#="D"zw%(z,zX)=ASC(MID$(z$,4+z,1))
1110NEXT:CLOSE1
1111zX=z%+1:IFzX<zx%THEN1010
1120DIMup$(1),down$(1):xxx=0:wt=22:boxf#=LDES$(0,0;5,12,5,wt,21,wt,21,12,5,12):box#=LDES$(0,0;5,12,0,17,0,wt+5,5,wt,5,12;5,wt,0,wt+5,wt+5,21,wt,5,wt)
1121SELECT4:CLS:COLOUR4:FORx=0TO1
1122FILLboxf#:FILLUSING42,1;box#:DRAWbox#
1123STORE(0,12),(14,wt+5)up$(x):STORE(15,12),(21,wt+5)down$(x):CLS:COLOUR1:NEXT
1126RESTORE20:DIHpX(nn#4),p1X(nn#4):FORz=1TOnn#4:READpX(z):NEXT
1146SGUND:GOSUB1999
1147SELECT2:CLS:DISPLAY2:clr=7:zr=2:zc=1:zn=2:z$="EYE WITNESS = HEYLEN":GOSUB1157:zr=17:zc=1:ze=238:GOSUB1217
1152RETURN
1157ONERRORGOTO :GOTO1167:REM Print character string (1150)
1162RESUME1207
1167 IFz1$(zn)="D"THENCLOURclr=GOTO1172ELSEIFclr=2zclr=64ELSEIFclr=1zclr=128ELSEIFclr=4zclr=0ELSEIFclr=7zclr=192
1172FORz=1TOLEN(z$)
1177 z%=ASC(MID$(z$,z,1)):IFzX>zs%(zn)+zn%(zn) zX=zXANDNOT32ELSEIFzX=32zc=zc+zw%(0,zn):GOTO1207
1182 zX=zX-zs%(zn):IFzX<0THEN1207
1187 IFz1$(zn)="D"FILL@ (zr,zc)z$(zX,zn):zc=zc+zw%(zX,zn)+2:GOTO1207
1192 zaX=DPEEK(PTR(z$(zX,zn))):FORz2=4TOLEN(z$(zX,zn)):zbX=PEEK(zaX+z2)AND63:IFzbX<>0 POKEzaX+z2,zbXORzclr
1197 NEXT
1202 DRAW@ (zr,zc)z$(zX,zn):zc=zc+zw%(0,zn)
1207NEXT
1212ONERRORGOTO:RETURN
1217LINEzr+2,zc,zr+2,ze:RETURN
1995GOSUB1999:DISPLAY1OFF:DISPLAY3OFF:DISPLAY4OFF:FORz=4TO1STEP-1:SELECTz:IFz<>2CLS:DISPLAYzeELSECOLOUR0:FILLDES$(22,0,22,239,203,239,203,0,22,0)

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width of boxes - difficult to change as boxes can only be printed on character boundaries.

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1996NEXT:RETURN
1998DISPLAYOFF:FORz=4TO1STEP-1:SELECTz:CLS:DISPLAYz:NEXT:RETURN
1999IFINCH#="1"THEN1999ELSERETURN
2000REM Line graphs
2001RESTORE20
2002HIX,0:MIX,2
2030SELECT2:clr=7:zr=22:zc=40:zn=2:z#="POLITICAL POLL":GOSUB1157:zr=37:zc=40:ze=198:GOSUB1217
2040REM Draw axes #####
2050ccc=24:tt=120:inc=30
2060SELECT2:COLOUR7:t=45:b=203:l=23:r=215:o=5:LINEt,l,b,l,b,r:z#=LDES$(0,0,0,4,1,4,1,0):FORz=btDtSTEP-30:DRAW@(z,l-2)z#:NEXT
2070z#=LDES$(0,0,4,0,4,1,0,1):d=ttDIV(nn-2):FORz=0Tonn-2:DRAW@(b-4,l+o+z#d)z#:NEXT
2080SELECT1:j=49:FOR z=INT((b-30)/10)-1TO INT(t/10) STEP-3:PRINT@(z,0)"I";CHR$(j);"0":j=j+1:NEXT:PRINT@(2,0)"IHCZ"
2090PRINT@(21,0)"IHM";title#;:FORz=1Tonn#4:p1X(z)=b-pX(z)#3:NEXT:GOTO2230
2100GOSUB1999:REM draw line ###
2110COLOURclr:SELECTscr:ax=(aaDIVnn+1)#nn-2
2120IF zr=0 THEN ax=aa
2130FOR a=aaTOax:al=l+o+(aMODnn-1)#d:a2=l+o+(aMODnn)#d+dd:IFpX(a+1)=0NEXT
2140 LINE p1X(a),al,p1X(a+1),a2,p1X(a+1)+1,a2,p1X(a)+1,al:WAITzw:NEXT
2150IFzr<>0PRINT@(zr,22)clr#;"I";RIGHT$(STR$(pX(ax+1)),2)+"%":zrr=zr:GOSUB1999:GOTO2180
2155PRINT@(zrr,22)" "
2160zn=z#+1:IFz#MOD4=3 zr=p1X(ax+1)-25ELSE zr=p1X(ax+1)-6
2165IF clr=1 zr=zr-20
2170zc=a2+8:z#=RIGHT$(STR$(pX(ax+1)),2)+"%":zn=0:GOSUB1157
2180RETURN
2230GOSUB1999:box#=LDES$(110,54,110,107,152,107,152,54,110,54):ccc=32
2235SELECT2
2240PRINT@(21,28)"IC";survey#;:COLOUR7:DRAW@(b-4,l+o+(ttDIVnn)#nn+42)z#
2250SELECT2:zr=125:zc=66:nn=1:clr=1:z#="A":GOSUB1157:SELECT4:COLOUR7:FILLbox#
2265dd=0:zn=40:clr=1:xx=0:scr=2:aa=1:clr#="I":zr=4:GOSUB2110:REM draw LABOUR
2270dd=231:zr=0:clr=1:scr=2:aa=nn-1:GOSUB2110:REM draw LABOUR
2280GOSUB1999:COLOUR0:FILLbox#:SELECT4:FILLbox#:clr=4:zr=120:zc=54:z#="H":zn=1:GOSUB1157:DRAWbox#
2295dd=0:clr=4:scr=4:aa=nn+1:clr#="I":zr=10:GOSUB2110:REM draw NATIONAL
2300dd=231:zr=0:clr=4:scr=4:aa=2*nn-1:GOSUB2110:REM draw NATIONAL

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*zw = wait period between
drawing each part of the
line - i determine's
speed of draw.*

2310GOSUB1999:COLOUR0:FILLbox#:SELECT2:COLOUR7:FILLbox#:clr=0:zr=120:zc=50:zn=1:z#="NZ":GOSUB1157

Zr determines how where number is placed

2325dd=0:zn=10:clr=7:SELECT1:scr=4:aa=3:nn+i:clr#="16":zn=15:GOSUB2110:REM draw NEW ZEALAND

2330dd=23: SELECT1:zr=0:clr=7:scr=4:r=14:aa=4:nn-i:GOSUB2110:REM draw NEW ZEALAND

2340GOSUB1999:SELECT2:COLOUR0:FILLbox#:clr=2:zn=1:zr=122:zc=56:z#="7":GOSUB1157:SELECT4:COLOUR1:FILLUSING21,1;box#

2355dd=0:zn=10:clr=2:scr=2:aa=2:nn+i:r=19:clr#="1B":zr=18:GOSUB2110:REM draw Soc Cred

2360dd=23:zr=0:zn=10:scr=2:aa=3:nn-i:GOSUB2110:REM draw SOCIAL CRED

2370COLOUR0:SELECT4:FILLbox#:SELECT2:FILLbox#

2380RETURN

2390REM Competence Poll

3005GOSUB1995:GOSUB1999

3010NIX2,2:NIX4,2:GOTO3030

3020PRINT@ (r,c);:FORx=1TOLEN(A#):PRINTMID\$(A#,x,1);:HAITZ:NEXT:RETURN

3030A#=" Do you approve of":r=4:c=0:GOSUB3020

** This wording will probably need to be changed.*

3040A#=" disapprove of the":r=5:c=0:GOSUB3020

3050A#=" NZ Govt policy to":r=6:c=0:GOSUB3020

3060A#=" dissuade the ALP":r=7:c=0:GOSUB3020

3070A#=" Blacks from going":r=8:c=0:GOSUB3020

3080A#=" to South Africa?":r=9:c=0:GOSUB3020

3100SELECT2:COLOUR1:LINE37,0,37,112,112,112,112,0,37,0;37,1,112,1;37,112,112,112:GOSUB1999:SELECT2

3110PRINT@ (3,25)"IF 29 Sept 1984":PRINT@ (r+1,0)"!H#";

— WDI = 1

3120y(1)=40:y(2)=40:y(3)=10:r=10:k=0:C#="IF":GOSUB 3230:GOSUB1999:REM Last Poll Values

*Last poll values
y(1) = Approve
y(2) = Disapprove
y(3) = Don't know
This should be OK.*

3125PRINT@ (5,25)"IC 9 Mar 1985":PRINT@ (r+1,0)"!H#";

— WDI = 0

3130y(1)=42:y(2)=42:y(3)=10:r=10:x=1:C#="IC":GOSUB3230

3120RETURN

** This poll values which need to be entered*

3230bta=197

3240IFx=0 SELECT1:PRINT@ (21,21)"HIFA D DK":SELECT4:COLOUR7:LINE199,120,199,239;bta+1-50#1.4,120,bta+1-50#1.4,239:PRINT@ (13,19)"50%":GOSUB1999:SELECT4 ELSESELECT2

3250FOR y1=1TO3

3260 c1a=96+x#12+36#y1:c=15+x#3+y1#6

3270 DRAW@ (bta,c1a)down\$(x)

3280 h=bta-y(y1)#1.4

3290 FORy2=bta-13TOhSTEP-2

3300 DRAW@ (y2,c1a)up\$(x)

End of page

3310 NEXT

3320 A\$=MID\$(STR\$(y(y1)),2):PRINT\$(r,c)C\$;A\$;

3330NEXT

IF C\$="11" THEN A\$C.F1\$

3340RETURN

4000REM Competence Poll

4020RESTORE40:DISPLAY4

4030DIN\$ (3)

4040FOR y=1703:GOSUB1995:MIX2,2:MIX4,2:GOSUB 1999

4041 IFy=1PRINT\$(3,3)"IN:QDo you approve of the overall performance of the Labour Govt?":r=8:GOTO4050

4042 IFy=2PRINT\$(3,1)"IN:QDo you approve of the way Mr. Lange is handling his job as Prime Minister?":r=8:ELSEIFY=3PRINT\$(3,0)"IN:QDo you approve of the way the Opposition Leader is handling his job?":r=11

4050SELECT2:COLOUR1:LINE 25,6,25,238,72,238,72,6,25,6

4061FORy1=1TOnp:READY(y1):NEXT:bt=197

4070GOSUB1999:x=0:PRINT\$(21,18)"~~Labour Support~~"IF 4 29 2";SELECT4:COLOUR7:LINE199,120,199,239;bt=50*1.4,120,bt=50*1.4,239:SELECT2:PRINT\$(13,18)"50%":PRINT\$(r,0)"IF"

4100FOR y1=1TOnp

4115 cl=96+18*y1:c=16+y1*3

4116 IFy1=np x=1:GOSUB1999:PRINT\$(21,37)"~~Ward~~";PRINT\$(22,37)"C2";PRINT\$(r,c-1)"IC"

4120 DRAW\$(bt,cl)down\$(x)

4130 h=bt-y1*1.4

4140 FORy2=bt-1370hSTEP-2:REM step value determines speed of drawing box

4150 DRAW\$(y2,cl)up\$(x)

4151 NEXT

4155 DRAW\$(h,cl)up\$(x)

4156 PRINT\$(r,c)MID\$(STR\$(y(y1)),2,2)

4159NEXT

4270NEXT

4360 IFy=3THEN4390

4370DISPLAYOFF:SELECT2:COLOUR0:FILL LDES\$(79,120,79,230,203,230,203,120,79,120):GOSUB1999:DISPLAY2:SELECT1:CLS:DISPLAY1:SELECT4:CLS:DISPLAY4:PRINT\$(21,0)"IN";:GOSUB1999

4390RETURN

5000GOSUB1999:DISPLAYOFF:GOSUB1995:MIX2,0:MIX4,0:DISPLAY2OFF:GOSUB1999:DISPLAY2

5010PRINT\$(4,4)"IN:Cabinet Approval Rating":SELECT4:COLOUR1:LINE35,20,35,100,120,100,120,20,35,20:GOSUB1999

5020PRINT\$(7,22)"IN:CPalmer 54%":GOSUB1999

5030PRINT\$(10,22)"IN:CMoore 56%":GOSUB1999

Values for this are at lines 40-45

This section is probably not needed, but if you

