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1: ()
2: Prgm
3: Local strappx, strddig, strangle
4: ClrHome
5: Disp "Approach version 2"
6: Disp "Changing modes:"
7: getMode("Exact/Approx")αstrappx
8: If strappxİ"APPROXIMATE"Then
9: Disp "Set to Approximate"
10: setMode("Exact/Approx", "APPROXIMATE")
11: Endif
12: getMode("Display Digits")αstrddig
13: If strddigİ"FLOAT" Then
14: Disp "Set FLOAT"
15: setMode("Display Digits", "FLOAT")
16: EndIf
17: getMode("Angle")αstrangle
18: If strangleİ"RADIAN" Then
19: Disp "Set Radian"
20: setMode("Angle", "RADIAN")
21: EndIf
22: Pause "Enter to start"
23: Custom
24: Title "F(A,B)"
25: Title "GOAL"
26: Title "START"
27: Title "MOVE"
28: Title "Quit"
29: EndCustm
30: CustmOn
31: Lbl 1bl01
32: While 1<2
33: getKey()ak
34: While k=0
35: getKey()ak
36: EndWhile
37: If k=268 Then
38: InputStr "F(A,B)=", str1
39: Define apprch(A,B)=expr(str1)
40: 269ak
41: EndIf
42: If k=269 Then
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43: Disp "Goal Point:"
44: Input "X=",C
45: Input "Y=",D
46: 270ak
47: EndIf
48: If k=270 Then
49: Disp "Starting Point:"
50: Input "X=",H
51: Input "Y=",I
52: Disp "Fraction to Move:"
53: Input "Fraction:",G
54: HaE
55: IaF
56: 271ak
57: EndIf
58: If k=271 Then
59: Disp "AT",E,F,"Value of F(A,B)="
60: EaA
61: FaB
62: Disp apprch(A,B)
63: E-(E-C)*GaE
64: F-(F-D)*GaF
65: Goto 1b101
66: EndIf
67: If k=272 Then
68: Disp "Restore settings"
69: SetMode("Exact/Approx",strappx)
70: SetMode("Display Digits",strddig)
71: SetMode("Angle",strangle)
72: Disp "Done...Ready to go HOME"
73: CustmOFF
74: DispHome
75: Stop
76: Goto 1b101
77: EndIf
78: EndWhile
79: EndPrgm
```