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1: ClrHome
2: Disp "APPROACH 3"
3: Pause "ENTER TO START"
4: Lbl 2
5: Menu("MAIN","ENTER F(A,B)",5,"GOAL POINT",10,"STARTING
POINT",15,"MOVE FRACTION",18,"QUIT",40)
6: Lbl 5
7: Disp "ENTER TEXT OF"
8: Input "F(A,B)=",Str1
9: String►Equ(Str1,Y2)
10: Lbl 10
11: Disp "GOAL POINT?"
12: Input "X=",C
13: Input "Y=",D
14: Lbl 15
15: Disp "START POINT?"
16: Input "X=",H
17: Input "Y=",I
18: Lbl 18
19: Disp "FRACTION TO MOVE"
20: Input "FRACTION:",G
21: H→E
22: I→F
23: Lbl 20
24: Disp "AT",E,F,"VALUE OF F(E,F)="
25: E→A
26: F→B
27: Disp Y2
28: If (H-E)*(I-F)≠0
29: Then
30: Disp "SLOPE="
31: Disp (R-Y2)/√((A-P)2+(B-Q)2)
32: End
33: Disp "1=NEXT 2=MENU"
34: While 1
35: getKey→K
36: While K=0
37: getKey→K
38: End
39: If K=93
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40: Goto 2
41: If K=92
42: Then
43: E→P
44: F→Q
45: Y2→R
46: E - (E - C) * G → E
47: F - (F - D) * G → F
48: Goto 20
49: End
50: End
51: Lbl 40
52: Stop
```