

```
1: ClrHome
2: Disp "APPROACH 2"
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: Disp "1=NEXT    2=MENU"
29: While 1
30: getKey→K
31: While K=0
32: getKey→K
33: End
34: If K=93
35: Goto 2
36: If K=92
37: Then
38: E - (E - C) * G → E
39: F - (F - D) * G → F
40: Goto 20
41: End
42: End
43: Lbl 40
44: Stop
```