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Rn:
INPUT "Single Step(y/n)";A$: IF A$ = "y" THEN SS = 2 ELSE SS = 1
WINDOW OUTPUT 1 : CLS : Iter = 0 : h = MOUSE(0)
IF RIM = 2 THEN PICTURE ON
FOR n = 1 TO D : A(n) = B(n) : NEXT : Aterm = Bt
  x1# = b1 : y1# = b2 : L# = B1
WHILE MOUSE(0) = 0 AND Iter <> Aterm : Iter = Iter + 1
  IF RIM = 1 THEN WINDOW OUTPUT 2 : CLS : PRINT "Iteration ";Iter; : WINDOW OUTPUT 1
  FOR n = D-1 TO 1 STEP -1 : A(n) = (A(n) + A(n+1)) MOD 360 : NEXT

  x2# = x1# + L# * COS(A(1)*Cdtr#) : y2# = y1# + L# * SIN(A(1)*Cdtr#)
  LINE(x1#,y1#)-(x2#,y2#)
  x1# = x2# : y1# = y2#
  IF SS = 2 THEN GOSUB Wtkey
WEND
IF RIM = 2 THEN PICTURE OFF : OPEN "CLIP:PICTURE" FOR OUTPUT AS 1 : PRINT#1,PICTURE
CLOSE#1
RETURN
Pnt:
FOR n = 1 TO D : PRINT B(n); : NEXT : PRINT";";B1;";";b1;b2;";";Iter;
CALL HIDECURSOR : LDCOPY : CALL INTCURSOR
RETURN
Qt:
END

REM ----- Misc -----
Paws:
FOR n = 1 TO 2500 : NEXT : RETURN
Wt:
g=0 : BEEP
WHILE g = 0
  g = MENU(0) : h = MENU(1)
WEND : RETURN
Wtkey:
WHILE INKEY$ = "" : WEND : RETURN

REM ---- Menu/Windows ----
Open1:
WINDOW 1 "" (5,50) (505,335) 1 : CLS : RETURN

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