```
1: (x,op,calclist,autoexec)
 2: Prgm
 3: ©x, op, listname, autoexec
 4: - x: starting value
 5: - op: any function of x (may contain :)
 6: - calclist: list to store data to
 7: - autoexec: # of iterations to automatically compute
 8: © v3.4
 9: Local x,op,calclist,autoexec,k,iter,recur:0→iter
10: misc\statline("msg:Starting Clicker 3.4")
11:
12: ClrIO
13:
14: op&"→x"→op
15:
16: If calclist=0 or calclist="" Then
17: Goto fastloop
18: EndIf
19:
20: Try
21: {}→#calclist
22: x→k
23: expr(op)
24: x \rightarrow \#calclist[dim(\#calclist)+1]
25: k\rightarrow x
26: Else
27: ClrErr
28: misc\statline("msg:Saving to variable sequence due to type")
29: DelVar #calclist
30: k→x
31: Goto segloop
32: EndTry
33:
34:
35: DelVar #calclist
36: {}→#calclist
37:
38: If autoexec≠0 Then
39: Disp "Computing "&string(autoexec)&" iterations..."
40: For recur, 1, autoexec
41:
    misc\statline("msg:Iteration "&string(recur)&" of "&string(autoexec))
42:
43:
    expr(op)
    x \rightarrow \#calclist[dim(\#calclist)+1]
44:
45:
    Disp x
46: EndFor
47: Disp "Done."
48: Goto quit
49: EndIf
50:
51: misc\statline("pause")
52: Disp "Ready. (Saving to list)"
53:
54: While true
55: getKey() \rightarrow k
56:
57: ©↓ [ENTER]
58: If k=13 Then
59:
    misc\statline("busy")
60:
    expr(op)
     x \rightarrow \#calclist[dim(\#calclist)+1]
61:
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62:
      Disp x
 63:
      misc\statline("pause")
 64:
      iter+1→iter
 65:
     misc\statline("msg:Iteration = "&string(iter))
 66:
 67:
 68: O↓ [CLEAR]/[HOME]
 69: ElseIf k=263 or k=277 Then
 70:
     Exit
 71: EndIf
 72: EndWhile
 73: Goto quit
 74:
 75:
 76: Lbl fastloop
 77:
 78: If autoexec≠0 Then
 79: Disp "Computing "&string(autoexec)&" iterations..."
 80: For recur, 1, autoexec
 81:
     misc\statline("msg:Iteration "&string(recur)&" of "&string(autoexec))
 82:
 83:
     expr(op)
 84:
     x→lastclic
 85:
      Disp x
 86: EndFor
 87:
 88: Disp "Done."
 89: Goto quit
 90: EndIf
 91:
 92: Disp "Ready. (Only saving last)"
 93:
 94: While true
 95: qetKey() \rightarrow k
 96:
 97: ©↓ [ENTER]
 98: If k=13 Then
 99:
     expr(op)
100:
     Disp x
101:
102: ©↓ [CLEAR]/[HOME]
103: ElseIf k=263 or k=277 Then
104: x→lastclic
105:
     Exit
106: EndIf
107: EndWhile
108: Goto quit
109:
110:
111: Lbl seqloop
112: Local oldfold, suffix
113:
114: Try
115: getFold()→oldfold
116: NewFold clkrvars
117: Else
118: ClrErr
119: setFold(clkrvars)→oldfold
120: EndTry
121:
122: ""→suffix
```

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123:
124: If autoexec≠0 Then
125: Disp "Computing "&string(autoexec)&" iterations..."
126: For recur, 1, autoexec
127:
      setFold(#oldfold)
128:
129:
      expr(op)
130:
      setFold(clkrvars)
131:
132:
      x→# (mid(calclist,1,4) &misc\padstr(string(recur),"0",4,-1))
133:
134:
      Disp x
135:
     misc\statline("msg:Iteration "&string(recur)&" of "&string(autoexec))
136: EndFor
137: setFold(#oldfold)
138:
139: Disp "Done."
140: Goto quit
141: EndIf
142:
143: misc\statline("pause")
144: Disp "Ready. (Saving to vars)"
145:
146: While true
147: getKey()\rightarrowk
148:
149: O↓ [ENTER]
150: If k=13 Then
     misc\statline("busy")
151:
152:
     setFold(#oldfold)
153:
      iter+1→iter
154:
155:
      expr(op)
156:
      setFold(clkrvars)
157:
158:
       x→# (mid(calclist,1,4) &misc\padstr(string(iter),"0",4,-1))
159:
      Disp x
160:
       misc\statline("pause")
161:
162:
      misc\statline("msg:Iteration = "&string(iter))
163:
164: ©↓ [CLEAR]/[HOME]
165: ElseIf k=263 or k=277 Then
166:
      Exit
167: EndIf
168: EndWhile
169: setFold(#oldfold)
170:
171:
172: Lbl quit
173: DispHome
174: misc\statline("idle")
175: misc\statline("msg:Done! Thanks for using Clicker 3.4")
176:
177: EndPrgm
```