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1: "PRESENT VALUE: "→Str1
2: "FUTURE VALUE: "→Str2
3: "ANNUAL RATE: "→Str3
4: "TIMES / YEAR: "→Str4
5: "NUM PERIODS: "→Str5
6: "TOTAL INTEREST: "→Str6
7: "RENT AMOUNT: "→Str7
8: ClrHome
9: Lbl 10
10: Menu("FIRST MENU", "AMORTIZATION", 15, "ANNUITY", 25, "COMPOUND", 30,
    "EFFECTIVE RATE", 35, "LOAN AMOUNT", 40, "PRESENT VALUE", 45, "SECOND
    MENU", 12)
11: Lbl 12
12: Menu("SECOND MENU", "RATE FIND", 50, "RENT FIND", 55, "SIMPLE", 60, "QUIT",
    65, "FIRST MENU", 10)
13: Lbl 15
14: ClrHome
15: "          "→Str8
16: Disp "AMORTIZATION"
17: Input " AMOUNT: ", B
18: Input "  RATE: ", R
19: Input "PAYS/YR: ", N
20: Input "PAYMENT: ", P
21: ClrHome
22: Output(1, 1, "NUM:")
23: Output(2, 1, "OLD:")
24: Output(3, 1, "PAY:")
25: Output(4, 1, "INT:")
26: Output(5, 1, "RET:")
27: Output(6, 1, "NEW:")
28: Ø→C:Ø→E:R/N→F
29: Lbl 18
30: C+1→C
31: round(B*F, 2)→G
32: G+E→E
33: P-G→H
34: If H>B
35: Then
36: B→H
37: G+H→P
38: End
39: B-H→M
40: C→D:prgmDOLLAR
41: Output(1, 20-Z, sub(Str9, 1, Z-3))
42: Output(2, 5, Str8)
43: B→D:prgmDOLLAR
44: Output(2, 17-Z, Str9)
45: Output(3, 5, Str8)
46: P→D:prgmDOLLAR
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47: Output(3,17-Z,Str9)
48: Output(4,5,Str8)
49: G→D:prgmDOLLAR
50: Output(4,17-Z,Str9)
51: Output(5,5,Str8)
52: H→D:prgmDOLLAR
53: Output(5,17-Z,Str9)
54: Output(6,5,Str8)
55: M→D:prgmDOLLAR
56: Lbl 20
57: Output(6,17-Z,Str9)
58: M→B
59: Output(7,1,"0=END 1=MORE")
60: 0→T
61: Lbl 22
62: getKey→T
63: If T=0
64: Goto 22
65: If T=102
66: Goto 10
67: If T≠92
68: Goto 22
69: Output(7,1,"          ")
70: If B>0
71: Goto 18
72: Output(7,1,"TOT INT=")
73: E→D:prgmDOLLAR
74: Output(7,17-Z,Str9)
75: Pause
76: Goto 10
77: Lbl 25
78: Disp "ANNUITY", "COMPUTATIONS"
79: Input Str7,R
80: Input Str3,A
81: Input Str4,T
82: Input Str5,N
83:  $R * ((1 + A/T)^N - 1) / (A/T) \rightarrow F$ 
84: Disp Str2
85: Disp "ORDINARY ", F
86: Disp "ANNUITY DUE "
87: Disp  $F * (1 + A/T)$ 
88: Pause
89: Goto 10
90: Lbl 30
91: Disp "COMPOUND INTEREST"
92: Input Str1,P
93: Input Str3,A
94: Input Str4,T
95: Input Str5,N
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96: P*(1+A/T)^N→F
97: F-P→I
98: Disp Str6,I
99: Disp Str2,F
100: Pause
101: Goto 10
102: Lbl 35
103: Disp "EFFECTIVE RATE"
104: Input Str3,A
105: Input Str4,T
106: :(1+A/T)^T-1→E
107: Disp "EFFECTIVE RATE",E
108: Pause
109: Goto 10
110: Lbl 40
111: Disp "FIND LOAN", "PAYMENT AMOUNT"
112: Input "LOAN AMOUNT: ",P
113: Input Str3,A
114: Input Str4,T
115: Input Str5,N
116: A/T→I
117: P/((1-(1+I)^-N)/I)→Q
118: Disp "PAYMENTS AT",Q
119: Pause
120: Goto 10
121: Lbl 45
122: Disp "FIND", "PRESENT VALUE"
123: Input Str2,F
124: Input Str3,A
125: Input Str4,T
126: Input Str5,N
127: F*(1+A/T)^-N→P
128: Disp Str1,P
129: Pause
130: Goto 10
131: Lbl 50
132: Disp "FIND RATE FOR", "COMPOUND INTEREST"
133: Input Str1,P
134: Input Str2,F
135: Input Str4,T
136: Input Str5,N
137: T*((F/P)^(1/N)-1)→A
138: Disp Str3,A
139: Pause
140: Goto 12
141: Lbl 55
142: Disp "FIND RENT FOR", "AN ANNUITY"
143: Input Str2,F
144: Input Str3,A
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145: Input Str4,T
146: Input Str5,N
147: A/T→I
148: ((1+I)^N-1)/I→S
149: F/S→R
150: F/((1+I)*S)→V
151: Disp "ORDINARY RENT IS"
152: Disp R
153: Disp "ANNUITY DUE RENT"
154: Disp V
155: Pause
156: Goto 12
157: Lbl 60
158: Disp "SIMPLE INTERST"
159: Input Str1,P
160: Input Str3,A
161: Input "NUMBER OF YEARS: ",Y
162: P*A*Y→I
163: Disp Str6,I
164: Disp Str2,I+P
165: Pause
166: Goto 12
167: Lbl 65
168: Stop
169:
170:
171:
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