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ClrHome
Disp "CHECK SUM FOR","CHAP. 4 TEST"
Disp "ENTER CONSTRAINT"
Input "MATRIX: ",[H]
[[7,11,13,17,19,23,29,31,37,41]]→[G]
dim([H])→L6
[G]→[I]
{1,L6(1)}→dim([I])
[G]T→[J]
{L6(2),1}→dim([J])
[H][J]→[J]
[I][H]→[I]
Ø→A
Input "CHECK SUM 1:      ",B
For(C,L6(1),1,-1)
int(B/1Ø)→D
abs([J](C,1)+7)→E
int(E/1Ø)→F
If ((B-D*1Ø)≠(E-F*1Ø))
Then
Disp "ERROR IN ROW",C
Pause
A+1→A
End
D→B
End
If (A=Ø)
Then
Disp "NO ROW ERROR FOUND"
End
Ø→A
Input "CHECK SUM 2:      ",B
For(C,5,1,-1)
int(B/1ØØ)→D
abs([I](1,C)+7)→E
int(E/1ØØ)→F
If ((B-D*1ØØ)≠(E-F*1ØØ))
Then
Disp "ERROR IN COLUMN",C
Pause
A+1→A
End
D→B
End
If (A=Ø)
Then
Disp "NO COLUMN ERROR FOUND"
End
Pause "ENTER TO END"

```