```
1.000000 5.250000 3.140625 3.087891 3.054932 3.034332 3.021458 3.013411 3.008382 3.005239 3.003274 1.000000 3.812500 3.882812 3.926758 3.954224 3.971390 3.982119 3.988824 3.993015 3.995634 3.997272 1.000000 -5.046875 -5.029297 -5.018311 -5.011444 -5.007153 -5.004470 -5.002794 -5.001746 -5.001091 -5.000682
                                                                                                                                                4]
                                                                                                                                            Enter the entries of the coefficient matrix row-wise: [4 3 0; 3 4 -1; 0 -1
                                                                                                                                                                                                                                                                                             Enter the RHS given data of the system (as column vector) : [24; 30; -24]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10 number of Gauss-Seidal iterations are given as (columnwise):
                                                                                                                                                                                                                                                                                                                                                                                                                                              Enter the initial guess (as column vector): [1; 1;1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Enter the maximum number of iteration: 10
Enter the numbr of equations:
```

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