Enter the numbr of equations: 3

Enter the entries of the coefficient matrix row-wise: [4 3 0; 3 4 -1; 0 -1 4]

Enter the RHS given data of the system (as column vector) : [24; 30; -24]

Enter the initial guess (as column vector): [1; 1;1]

Enter the maximum number of iteration: 10

10 number of Gauss-Jacobi iterations are given as (columnwise):

```
1.000000   5.250000   0.750000   4.406250   1.593750   3.878906   2.121094   3.549316   2.450684   3.343323   2.656677
1.000000   7.000000   2.125000   5.875000   2.828125   5.171875   3.267578   4.732422   3.542236   4.457764   3.713898
1.000000  -5.750000  -4.250000  -5.468750  -4.531250  -5.292969  -4.707031  -5.183105  -4.816895  -5.114441  -4.885559
```

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