

# Source Codes

Arun Prasaad Gunasekaran

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Hello!

```
1 void seidel_iterative_method (double a[][MAX], double result[][MAX], int n, int k)
2 {
3     for (int i = 1; i <= n; i++)
4         result[i][0] = a[i][n+1];
5
6     for (int h = 1; h <= k; h++) {
7         result[1][h] = result[1][0];
8         for (int j = 1; j <= n; j++)
9             result[1][h] += a[1][j] * result[j][h-1];
10        for (int i = 2; i <= n; i++) {
11            result[i][h] = result[i][0];
12            for (int j = 1; j <= i-1; j++)
13                result[i][h] += a[i][j] * result[j][h];
14            for (int t = i; t <= n; t++)
15                result[i][h] += a[i][t] * result[t][h-1];
16        }
17    }
```