

```
01 void shell_sort(float *m, int n, int *ks, int k_ind)
02 {
03     int i, j, k;
04
05     for (k = ks[k_ind]; k > 0; k = ks[--k_ind])
06     {
07         for (i = k; i < n; i++)
08         {
09             float t = m[i];
10
11             for (j = i; j >= k; j -= k)
12             {
13                 if (t < m[j - k])
14                 {
15                     m[j] = m[j - k];
16                 }
17                 else
18                 {
19                     break;
20                 }
21             }
22
23             m[j] = t;
24         }
25     }
26 }
```