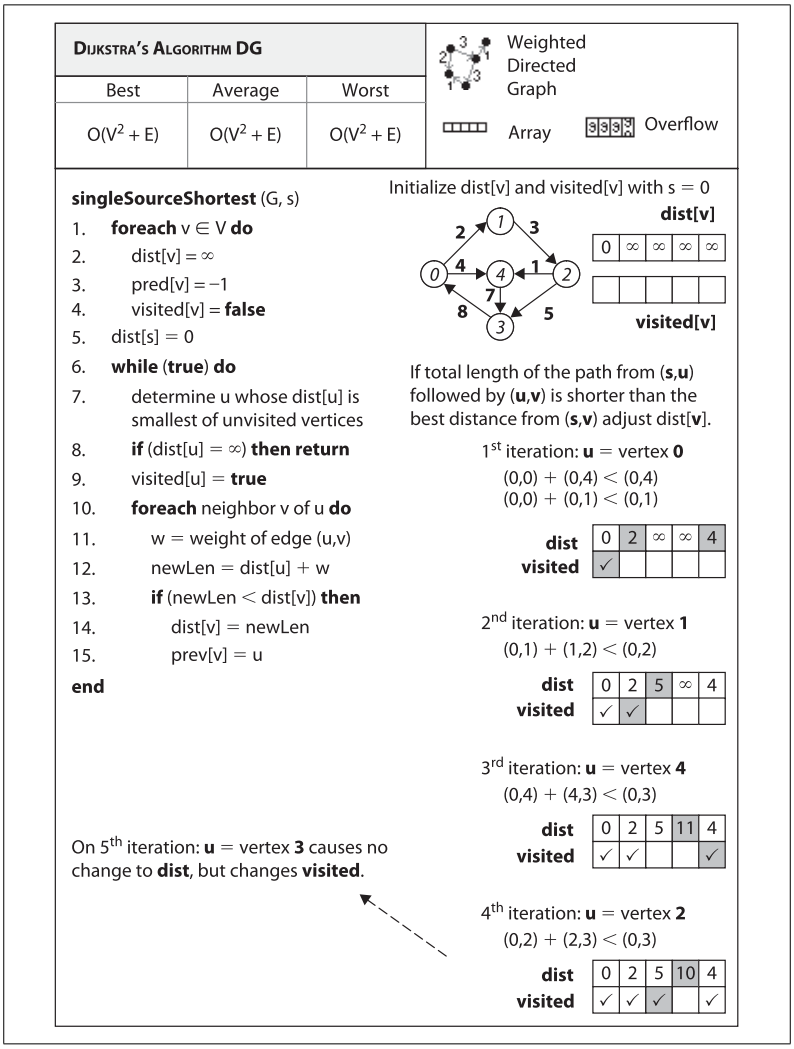


*Figure 6-15. Dijkstra's Algorithm for dense graphs fact sheet*

*Example 6-5. Optimized Dijkstra's Algorithm for dense graphs*

```
/**
 * Given int[][] of edge weights in raw form, compute shortest distance to
 * all vertices in graph (dist) and record predecessor links for all
 * vertices (pred) to be able to recreate these paths. An edge weight of
 * INF means no edge. Suitable for Dense Graphs Only.
 */
void singleSourceShortestDense(int n, int ** const weight, int s,  /* in */
```