Dijkstra's algorithm flow chart

```
              ( Start )
                  |
                  v
        /  Input the number  /
       /  of vertices and   /
      /   adj Matrix.      /
                  |
                  v
        /  Input            /
       /  Starting vertex  /
                  |
                  v
   +-------------------------------------+
   | distance [Startnode] = 0            |
   | Count = 1; Cost [ ][ ] = Infinity/9999 |
   +-------------------------------------+
                  |
                  v
NO.          < Count < Vertex >  (no. of vertex )
                 (n)
                  | Yes
                  v
   +-------------------------------------------+
   | Find the index from distance [ ]          |
   | having minimum value and for that         |
   | index visted [ ] Must be 0                |
   +-------------------------------------------+
                  |
                  v
   +-------------------------------------------+
   | For that index, find the min:1 distance   |
   | to all its nebhour vertices and update    |
   | that distance [ ] and update visited[index] = 1. |
   +-------------------------------------------+

            --> | Print distance |
                      |
                      v
                  ( END )
```