Pseudocode:

```
Def shortest_path_nodes(S,D):
        Initialize(S, D);
        Priroty_Queue minQ = {all vertices in the graph};
        While (minQ != Null):
                Vertex u = GetMin(minQ);
                For (every v belongs to minQ such that (u,v) belongs to entire set)
                        Relax(u,v)
                End For
        End While
```