

FLOYD WARSHALL

Algorithm AllPaths(A, cost, n)

```
{
    for i := 1 to n do
    {
        for j := 1 to n do
            A[i, j] := cost[i, j];
        }
    for k := 1 to n do
    {
        for i := 1 to n do
        {
            for j := 1 to n do
                A[i, j] := min(A[i, j], (A[i, k] + A[k, j]));
            }
        }
    }
}
```