Listing 1   enshukadai9

```c
void warshall_floyd()
{
    int i ,j ,k;

    for(i = 1; i <= n; j++)
    {
        for(j = 1; j <= n ; j++)
        {
            d[i][j] = w[i][j]; //Weight of d[i][j] = w[i][j]
        }
    }
    for(k = 1; i <= n; k++)
    {
        for(i = 1;i <= n; i++;)
        {
            for(j = 1; j <= n; j++)
            {
                d[i][j] = min(d[i][j],d[i][k]+d[k][j]);//d^k-1(i,j)=d^k(i,j)
            }
        }
    }
}
```