

Listing 1 enshukadai9

```

1  void warshall_floyd()
2  {
3      int i ,j ,k;
4
5      for(i = 1; i <= n; j++)
6      {
7          for(j = 1; j <= n ; j++)
8          {
9              d[i][j] = w[i][j]; //Weight of d[i][j] = w[i][j]
10             }
11         }
12     for(k = 1; i <= n; k++)
13     {
14         for(i = 1; i <= n; i++;)
15         {
16             for(j = 1; j <= n; j++)
17             {
18                 d[i][j] = min(d[i][j],d[i][k]+d[k][j]); //d~k-1(i,j)=d~k(i,j)
19             }
20         }
21     }
22 }

```