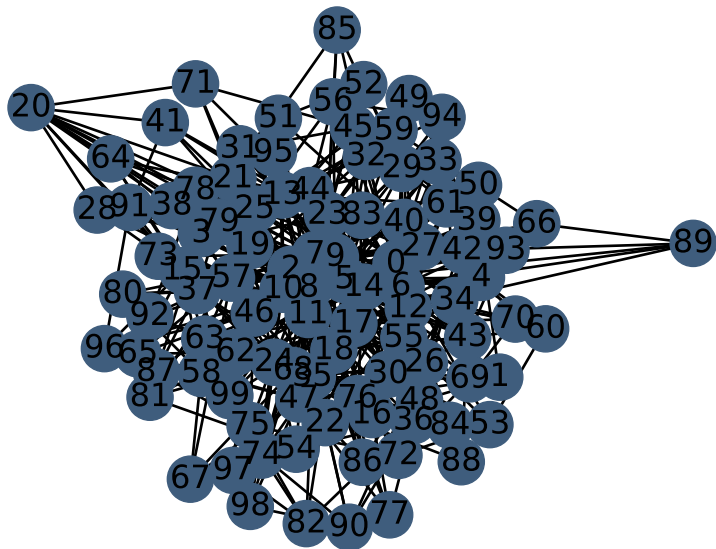An example network

The corresponding degree distribution