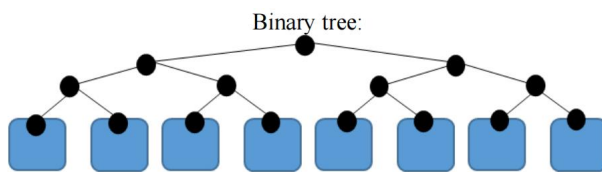
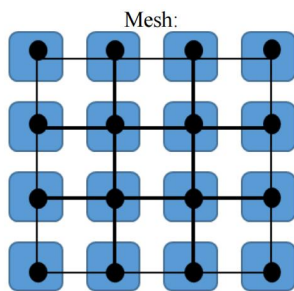
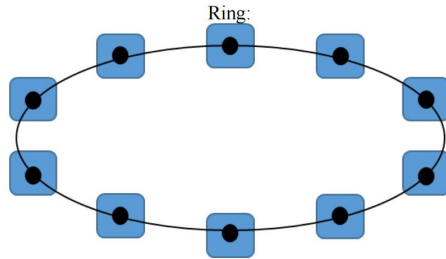


作业 10 互连网络

分析下面几种网络特性，填写下面表格。假设网络节点个数为 N (N 为 2 的偶数次幂)。



	Ring	Mesh	Tree
Number of Links	N	$2(N - \sqrt{N})$	$2N-2$
Diameter	$N/2$	$2(N - 1)$	$2 \cdot \log_2 N$
Average Distance	$N/4$	$2(N - 1)/3$	$\approx \log_2 N$
Bisection Bandwidth	2	\sqrt{N}	1