

B1	
# of Processes	Timings (ms)
2	0.034
4	0.018
8	0.015
16	0.010

B2	
# of Processes	Timings (ms)
2	0.033
4	0.018
8	0.015
16	0.013

1. The topology is the binominal tree.
2. Within a proper range, the more the number of rings is, the smaller the runtime is. But when the rings get more and more, it will have more steps to communicate. Thus, it will have more runtime. When there are many processes, using ring topology will slow down the runtime.
3. Yes. When there are only two process, the ring topology can be faster.
4. No matter which number of processes, only one message can be passed between each machine.