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CMSC 312

**Question 3**

1. Discuss and evaluate what happens when you're running both in separate windows and you kill one or the other.

These programs are corelated to each other kirk write on message queue and spock reads from the queue. I opened two programs in separate window and ran it simultaneously. I wrote some message queue and spoke printed all of it. I quitted put from spock but it didn’t forcefully shut down kirk. I wrote a message in the queue after spoke has been stopped. When I ran both of them together spoke printed out the last message kirk printed when spock wasn’t not running. This time I quit out of kirk but it automatically quitted out of spock.

1. Discuss what happens (and why) when you run two copies of kirk.

When I ran two copies of kirk simultaneous then they both print at the same spock. No matter which kirk you write your message and hit enter it will be printed to spock accordingly. Even when quitting out. When one kirk quits out then spock quits out automatically even though another kirk is still open.

1. Discuss what happens (and why) when your run two copies of spock.

When we run two spock with one kirk then spock takes turn to read the message and print it. if first message is read by first spock from the queue then next message will be read by second spock and vise versa. When kirk quits out then both of spock quits out too.