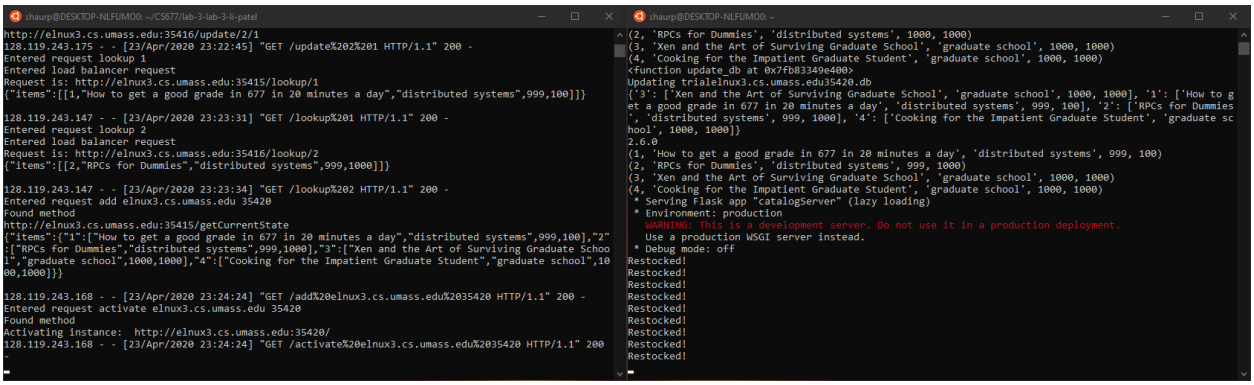
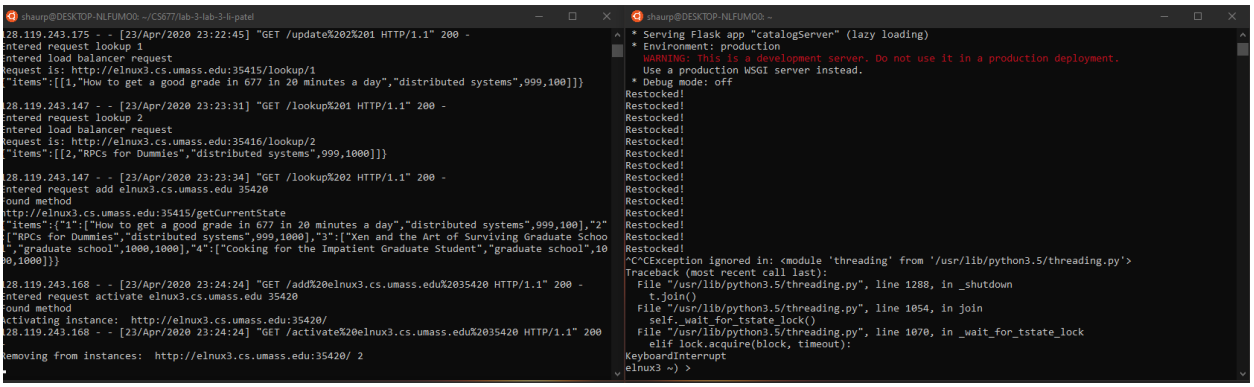
Fault Tolerance and recovery outputs

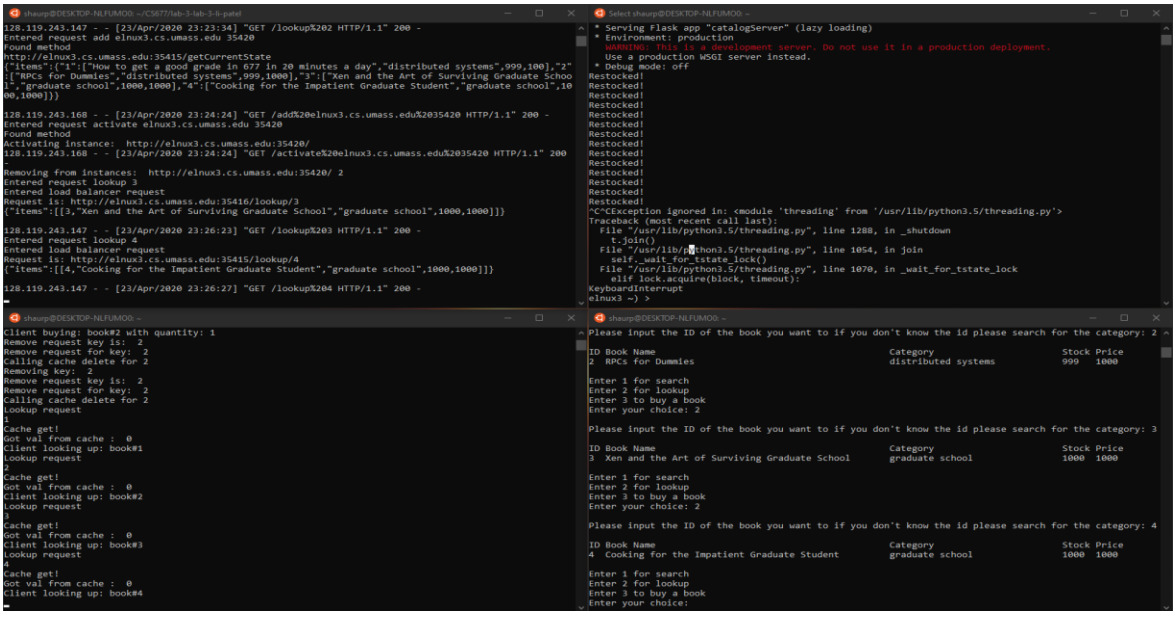
1. Server being registered on the catalog load balancer. The output for adding instance is visible on the left.



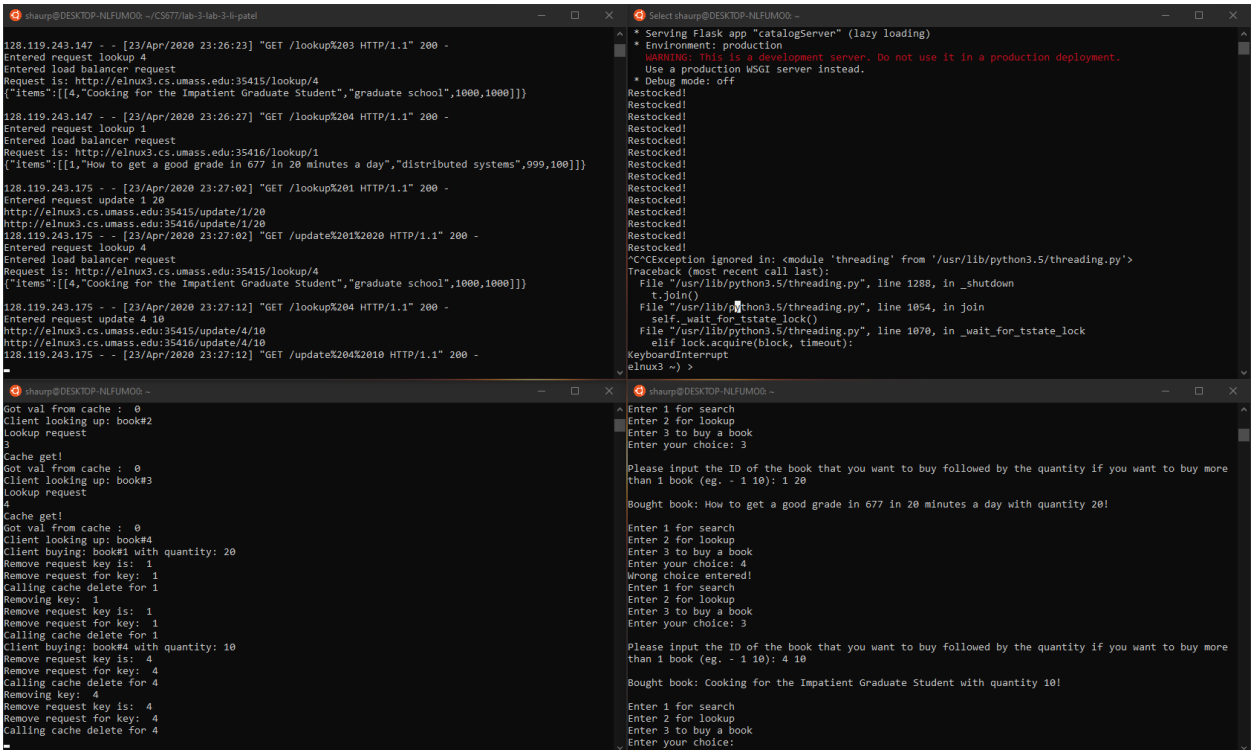
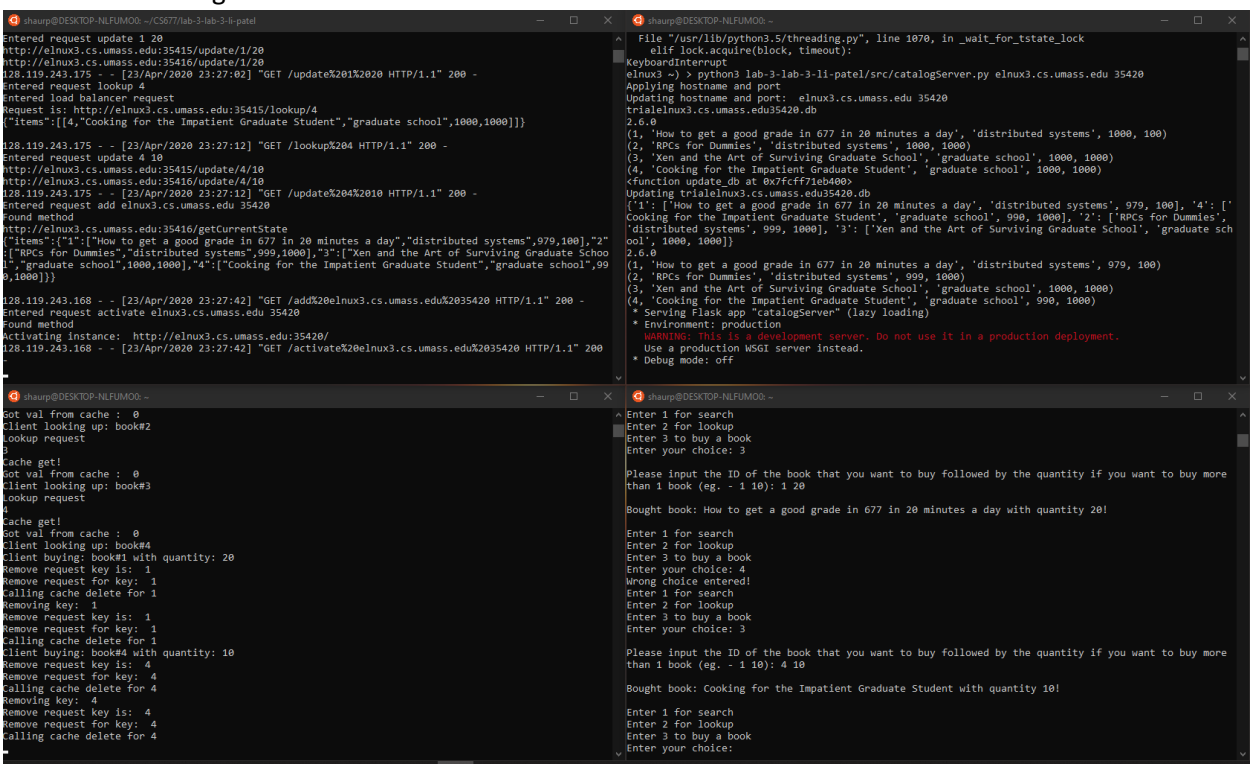
2. Killing the instance on the right and the load balancer deregisters it. The heartbeat working can be seen in the logs on the left.



3. Performing Read requests after the server has crashed. As visible in the image below the load balancer routes requests only to active instances and the client obtains correct results.



4. Performing Write requests after a server has died. The load balancer will only issue the writes to active instances.



5. Restoring the state of the dead server when it is recovered. This is visible on the top left in the server where it logs the state that it restores to.