

FIT5148 - Fix for Kafka Issue

Disabling auto-starting services

1. Disable startup services.
 - a. Disable kafka.service

```
$ sudo systemctl disable kafka.service
```

- b. Disable zookeeper.service

```
$ sudo systemctl disable zookeeper.service
```

This step will disable the autostart of the zookeeper and kafka services on the system bootup which has been identified as the main reason for the instability of the programs.

2. Stop running services.
 - a. Stop kafka.service

```
$ sudo systemctl stop kafka.service
```

- b. Stop zookeeper.service

```
$ sudo systemctl stop zookeeper.service
```

This step will stop the zookeeper and kafka services that are currently running in the system.

Starting services manually

1. Start zookeeper.service

In a new terminal, run the commands below

```
$ cd kafka_2.11-2.1.0  
~/kafka_2.11-2.1.0$ bin/zookeeper-server-start.sh config/zookeeper.properties
```

2. Start kafka.service

In a new terminal, run the commands below

```
$ cd kafka_2.11-2.1.0  
~/kafka_2.11-2.1.0$ bin/kafka-server-start.sh config/server.properties
```

Please note that you will have to start the services manually each time you restart the FIT5148 Ubuntu server.