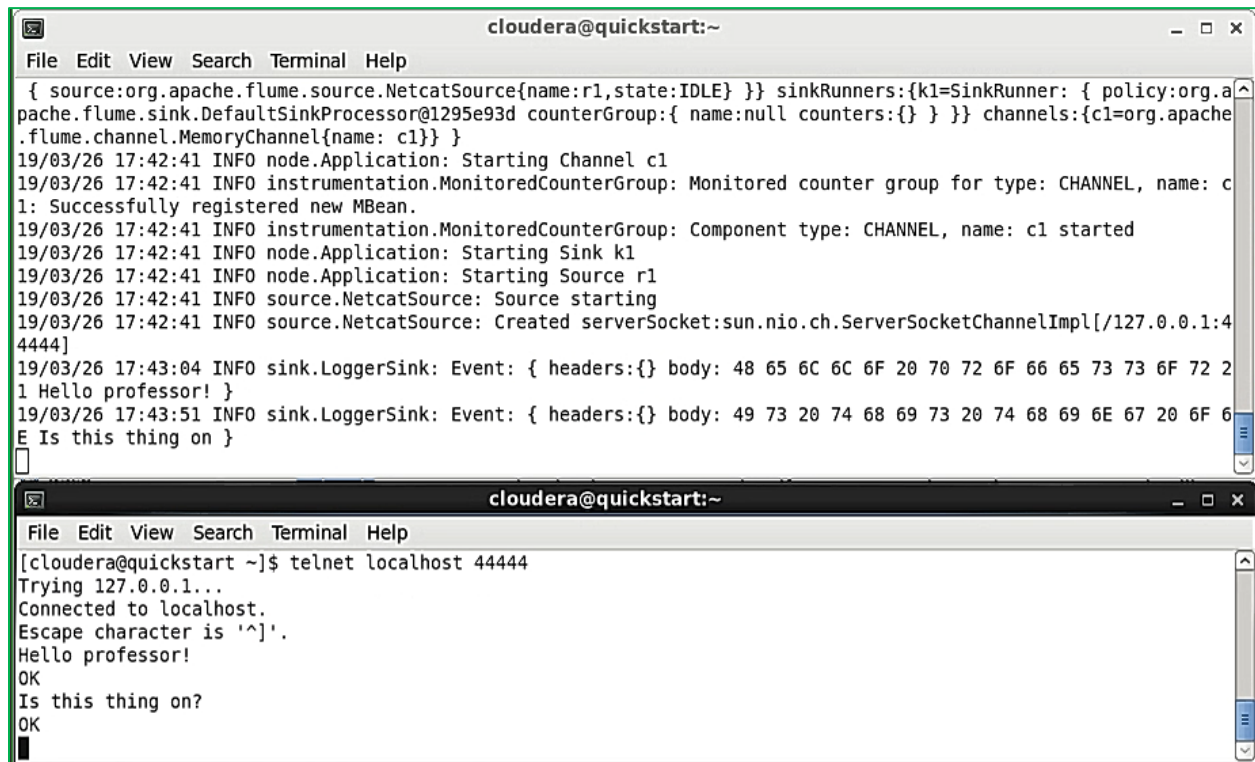


DSE 6300 – Flume Streaming

Executed the following statement:

```
$ flume-ng agent --conf conf --conf-file /etc/flume-ng/conf/example.conf --  
name agent -Dflume.root.logger=INFO,console
```

Successfully streamed (from lower console to upper console in below screenshot):



The image shows two terminal windows. The top window, titled 'cloudera@quickstart:~', displays the output of the 'flume-ng agent' command. It shows the configuration of a Flume agent with a Netcat source, a DefaultSinkProcessor, and a MemoryChannel. The logs indicate that the channel and sink are starting successfully. The bottom window, also titled 'cloudera@quickstart:~', shows a telnet session to localhost 4444. The telnet session shows a successful connection and the receipt of the message 'Hello professor!' from the Flume agent.

```
cloudera@quickstart:~  
File Edit View Search Terminal Help  
{ source:org.apache.flume.source.NetcatSource{name:r1,state:IDLE} }} sinkRunners:{k1=SinkRunner: { policy:org.a  
pache.flume.sink.DefaultSinkProcessor@1295e93d counterGroup:{ name:null counters:{} } }} channels:{c1=org.apache  
.flume.channel.MemoryChannel{name: c1}} }  
19/03/26 17:42:41 INFO node.Application: Starting Channel c1  
19/03/26 17:42:41 INFO instrumentation.MonitoredCounterGroup: Monitored counter group for type: CHANNEL, name: c  
1: Successfully registered new MBean.  
19/03/26 17:42:41 INFO instrumentation.MonitoredCounterGroup: Component type: CHANNEL, name: c1 started  
19/03/26 17:42:41 INFO node.Application: Starting Sink k1  
19/03/26 17:42:41 INFO node.Application: Starting Source r1  
19/03/26 17:42:41 INFO source.NetcatSource: Source starting  
19/03/26 17:42:41 INFO source.NetcatSource: Created serverSocket:sun.nio.ch.ServerSocketChannelImpl[/127.0.0.1:4  
4444]  
19/03/26 17:43:04 INFO sink.LoggerSink: Event: { headers:{} body: 48 65 6C 6C 6F 20 70 72 6F 66 65 73 73 6F 72 2  
1 Hello professor! }  
19/03/26 17:43:51 INFO sink.LoggerSink: Event: { headers:{} body: 49 73 20 74 68 69 73 20 74 68 69 6E 67 20 6F 6  
E Is this thing on }  
  
cloudera@quickstart:~  
File Edit View Search Terminal Help  
[cloudera@quickstart ~]$ telnet localhost 44444  
Trying 127.0.0.1...  
Connected to localhost.  
Escape character is '^]'.  
Hello professor!  
OK  
Is this thing on?  
OK
```

(For some reason, telnet was not installed, and I could not get it to work with SSH, so I went ahead and installed telnet before running the above.)