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Citation and References: -

To implement the lab, I have taken help from following source

(a) Discussion tutorial on kafka application and tutorial point

Concern and grading part: -

(a) generate.cpp:-

To run this program, use the following command: -

g++ -std=c++11 -o generate generate.cpp

./generate

(b) SimpleProducer.java:-

To run this program, use the following command: -

javac -cp "<path to kafka>/libs/*" "<path to file inside kafka>SimpleProducer.java"

java -cp "<path to kafka>/libs/*": . SimpleProducer

(c) SimpleConsumer.java:-

Run this program in three different terminals:-

javac -cp "<path to kafka>/libs/*" "<path to file inside kafka>SimpleConsumer.java"

java -cp "<path to kafka>/libs/*": . SimpleConsumer Topic-1

java -cp "<path to kafka>/libs/*": . SimpleConsumer Topic-2

java -cp "<path to kafka>/libs/*": . SimpleConsumer Topic-3

```
student@studentVM:-/Downloads/kafka_new
student@studentVM:-S cd Downloads
student@studentVM:-/Downloads cd kafka_new
2ctudent@studentVM:-/Downloads cd kafka_new
2ctudent@studentVM:-/Downloads/kafka_new
```