

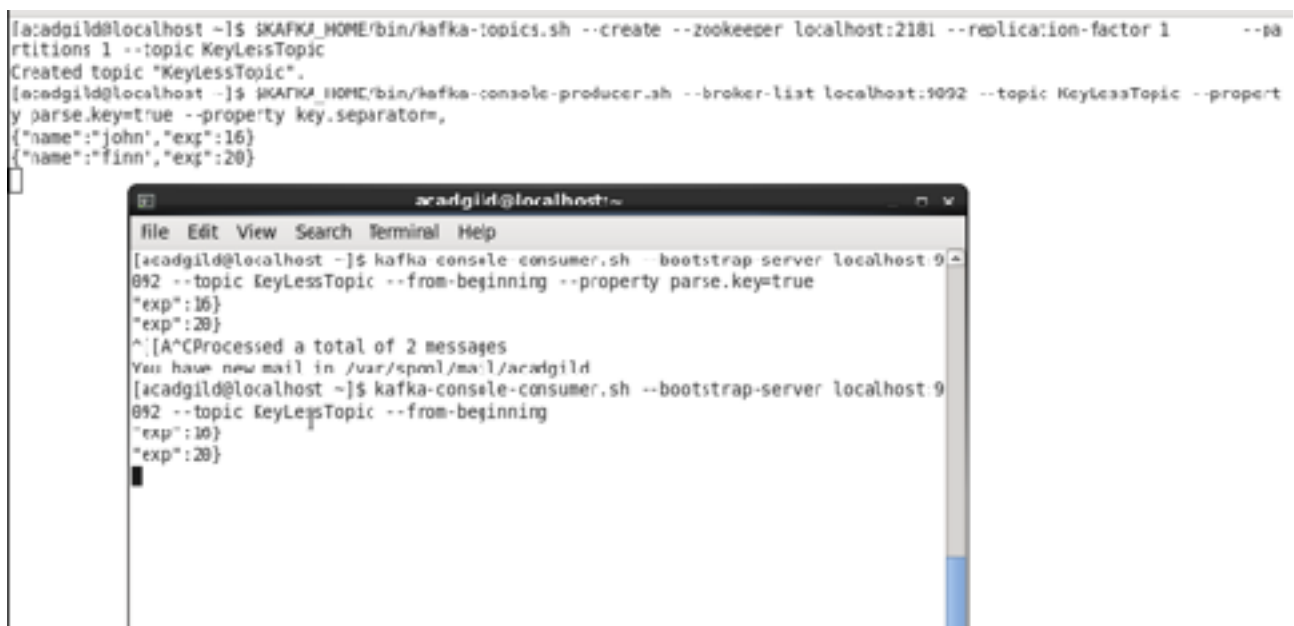
Task 1:

Create a kafka topic named KeyLessTopic.

Inside KeyLessTopic insert following data: {"name":"John", "exp":16} {"name":"Finn", "exp":20}

Task 2:

Create a console consumer that reads KeyLessTopic from beginning



```
[acadgild@localhost ~]$ kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic KeyLessTopic
Created topic "KeyLessTopic".
[acadgild@localhost ~]$ kafka-console-producer.sh --broker-list localhost:9092 --topic KeyLessTopic --property parse.key=true --property key.separator=,
{"name":"john","exp":16}
{"name":"finn","exp":20}
```



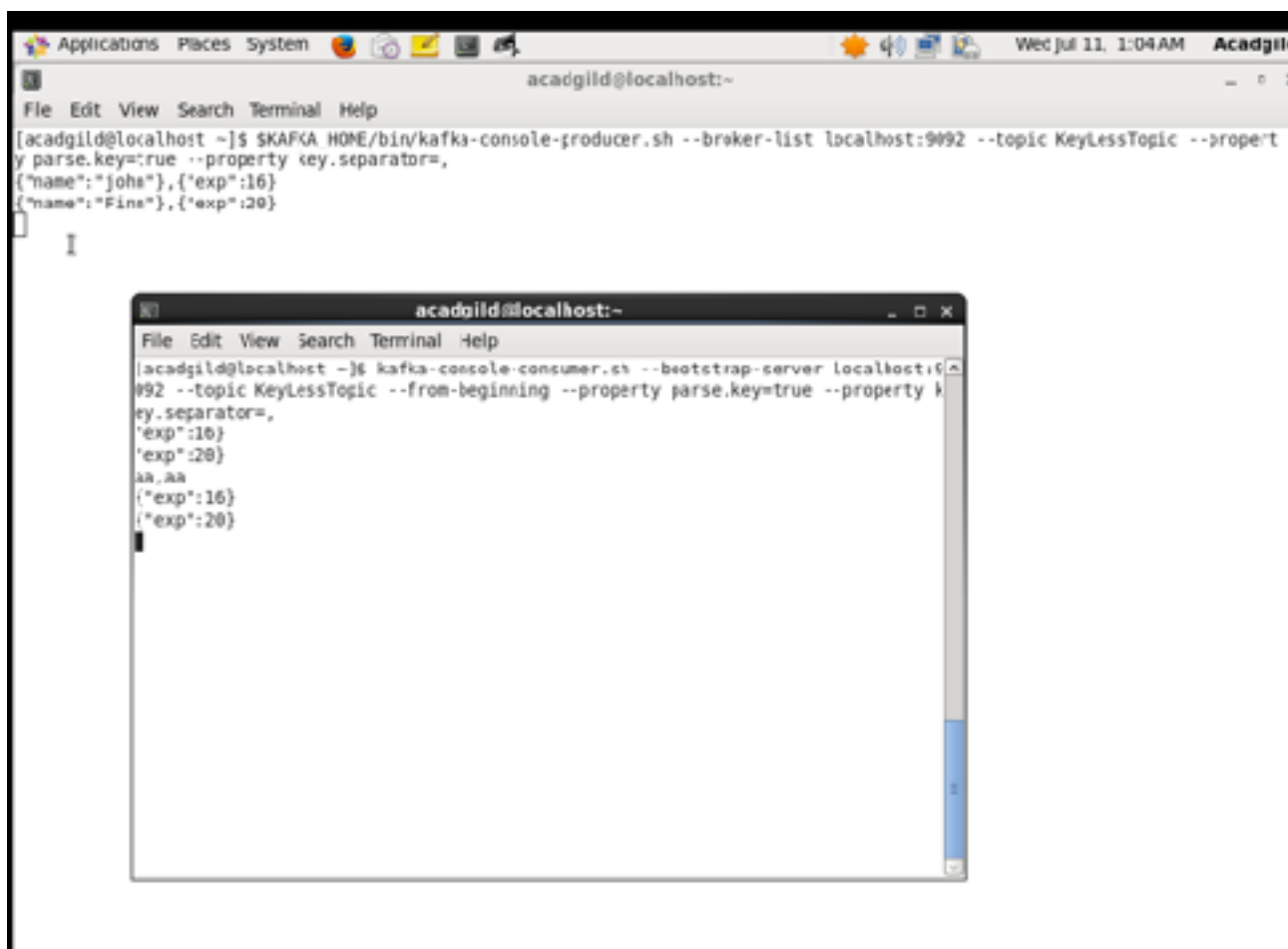
```
acadgild@localhost:~
file Edit View Search Terminal Help
[acadgild@localhost ~]$ kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic KeyLessTopic --from-beginning --property parse.key=true
{"exp":16}
{"exp":20}
^C[A*CPprocessed a total of 2 messages
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic KeyLessTopic --from-beginning
{"exp":16}
{"exp":20}
```

Task 3:

Create a kafka topic named KeyedTopic. Inside KeyedTopic insert following data:
The part before comma(,) should be treated as key and after comma(,) should be treated as value {"name":"John"},"exp":16}
{"name":"Finn"},"exp":20}
{"name":"Cylin"},"exp":18}
{"name":"Mark"},"exp":2}
{"name":"Akshay"},"exp":14}

Task 4:

Create a console consumer that reads KeyedTopic from beginning The key and value should be separated by '-'



The screenshot shows a terminal window titled 'acadgild@localhost:~'. The terminal has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The user has entered the following command: `[acadgild@localhost ~]$ $KAFKA_HOME/bin/kafka-console-producer.sh --broker-list localhost:9092 --topic KeyLessTopic --property parse.key=true --property key.separator=, {"name":"John"}, {"exp":16} {"name":"Fins"}, {"exp":20}`. Below this, a smaller terminal window is shown, titled 'acadgild@localhost:~', with a similar menu bar. It displays the command: `[acadgild@localhost ~]$ kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic KeyLessTopic --from-beginning --property parse.key=true --property key.separator=, {"exp":16} {"exp":20}`. The output of the consumer command is visible: `aa,aa {"exp":16} {"exp":20}`.



The screenshot shows a terminal window titled 'acadgild@localhost:~'. The terminal has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The user has entered the following command: `[acadgild@localhost ~]$ $KAFKA_HOME/bin/kafka-console-producer.sh --broker-list localhost:9092 --topic KeyLessTopic --property parse.key=true --property key.separator=-`. Below this, a smaller terminal window is shown, titled 'acadgild@localhost:~', with a similar menu bar. It displays the command: `[acadgild@localhost ~]$ kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic KeyLessTopic --property parse.key=true --property key.separator=-`. The output of the consumer command is visible: `1 2 3 4`.

