TERMINAL 1:

```
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ bash run-cluster.sh
bb17b37ce6bd1eb073a99461d1423d75af1847fe423167ef4afb044bccbe69c9
d0bf2fc24e87a852dafb70632aa565ecc4e2fd45bd8b9be1dc125b2ff9821a7c
c978ea8b2970f4971f8735d07c668fccb2822c57abc8e90bdee5fa87e7abde2a
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ docker ps
CONTAINER ID   IMAGE                   COMMAND               CREATED        STATUS        PORTS                                         NAMES
c978ea8b2970   bitnami/kafka:latest    "/opt/bitnami/script…"  3 seconds ago  Up 2 seconds  9092/tcp                                      kafka-server
d0bf2fc24e87   bitnami/zookeeper:latest "/opt/bitnami/script…"  4 seconds ago  Up 3 seconds  2181/tcp, 2888/tcp, 3888/tcp, 8080/tcp        zookeeper-server
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ bash create-topic.sh
kafka 10:34:01.17
kafka 10:34:01.17 Welcome to the Bitnami kafka container
kafka 10:34:01.17 Subscribe to project updates by watching https://github.com/bitnami/bitnami-docker-kafka
kafka 10:34:01.17 Submit issues and feature requests at https://github.com/bitnami/bitnami-docker-kafka/issues
kafka 10:34:01.17

Created topic demo-topic.
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ docker run -it --rm --network kafka-network -e KAFKA_CFG_ZOOKEEPER_CONNECT=zookeeper-server:2181 bitnami/kafka:latest kafka-topics.sh --list  --bootst
rap-server kafka-server:9092
kafka 10:34:22.08
kafka 10:34:22.08 Welcome to the Bitnami kafka container
kafka 10:34:22.08 Subscribe to project updates by watching https://github.com/bitnami/bitnami-docker-kafka
kafka 10:34:22.08 Submit issues and feature requests at https://github.com/bitnami/bitnami-docker-kafka/issues
kafka 10:34:22.09

demo-topic
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ docker run -it --rm --network kafka-network -e KAFKA_CFG_ZOOKEEPER_CONNECT=zookeeper-server:2181 bitnami/kafka:latest kafka-console-producer.sh --brok
er-list kafka-server:9092 --topic demo-topic
kafka 10:34:39.16
kafka 10:34:39.16 Welcome to the Bitnami kafka container
kafka 10:34:39.17 Subscribe to project updates by watching https://github.com/bitnami/bitnami-docker-kafka
kafka 10:34:39.17 Submit issues and feature requests at https://github.com/bitnami/bitnami-docker-kafka/issues
kafka 10:34:39.17

>hello
>this is test message
>it seems to be working! hurray
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ bash shutdown-cluster.sh
zookeeper-server
kafka-server
zookeeper-server
kafka-server
```

TERMINAL 2:

```
zorya@zorya-virtual-machine:~/Documents/BigData/HW5$ docker run -it --rm --network kafka-network -e KAFKA_CFG_ZOOKEEPER_CONNECT=zookeeper-server:2181 bitnami/kafka:latest kafka-console-consumer.sh --boot
strap-server kafka-server:9092 --topic demo-topic
kafka 10:35:06.46
kafka 10:35:06.46 Welcome to the Bitnami kafka container
kafka 10:35:06.46 Subscribe to project updates by watching https://github.com/bitnami/bitnami-docker-kafka
kafka 10:35:06.46 Submit issues and feature requests at https://github.com/bitnami/bitnami-docker-kafka/issues
kafka 10:35:06.47

hello
this is test message
it seems to be working! hurray
```