Name: - Muhammad Huzaifa Waseem (2303-KHI-DEG-021)

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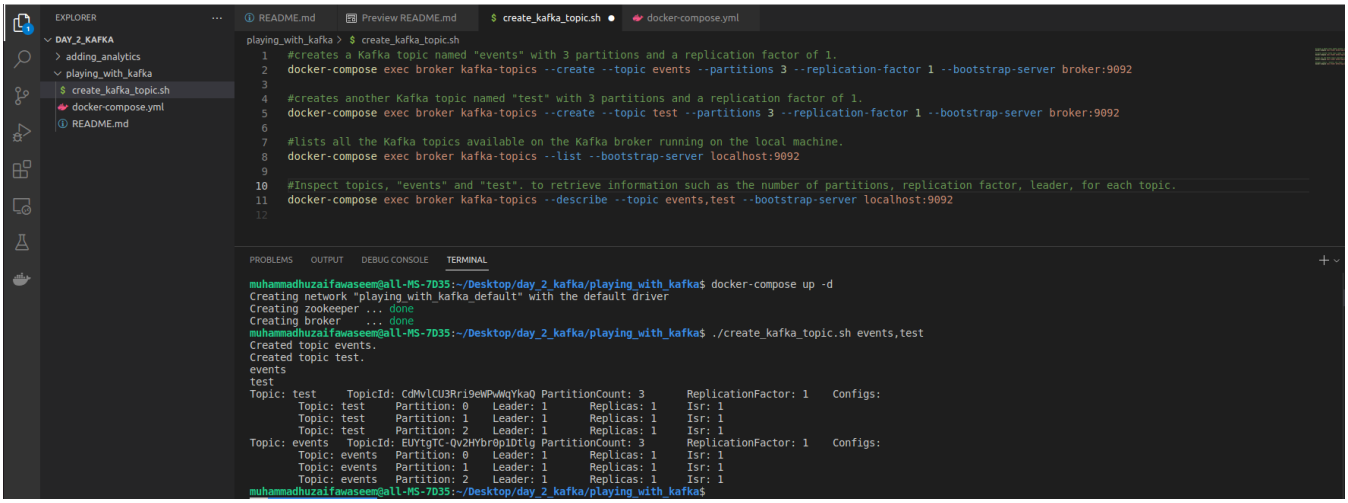
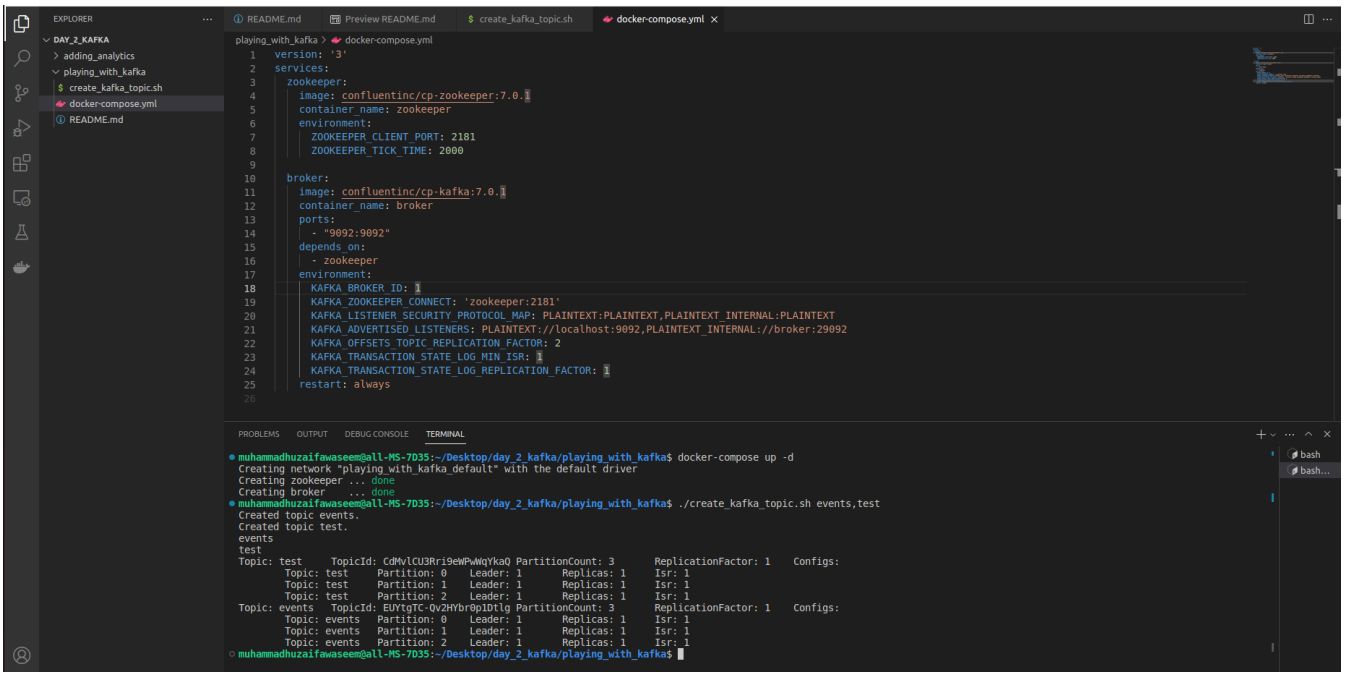
UNIT 4.2:

Assignment





Explain: The commands shown in the screenshot are used to create a Kafka topic in a Docker container using the kafka-topics.sh script. The commands are saved in a shell script file called create_kafka_topic.sh, which can be executed by running the command ./create_kafka_topic.sh events in a terminal. However, before running the script, the Docker containers required for Kafka should be running. This is done by running docker-compose up -d in a terminal, which starts the Kafka containers defined in a docker-compose.yml file in detached mode. This ensures that the Kafka containers are running and ready to accept requests before the create_kafka_topic.sh script is executed.