In [ ]:
```python
# import statements
from time import sleep
from json import dumps
from kafka import KafkaProducer
import random
import datetime as dt
import csv


def publish_message(producer_instance, topic_name, data):
    try:
        producer_instance.send(topic_name, data)
        print('Message published successfully. Data: ' + str(data))
    except Exception as ex:
        print('Exception in publishing message.')
        print(str(ex))


def connect_kafka_producer():
    _producer = None
    try:
        _producer = KafkaProducer(bootstrap_servers=['localhost:9092'],
                                  value_serializer=lambda x:
dumps(x).encode('ascii'),
                                  api_version=(0, 10))
    except Exception as ex:
        print('Exception while connecting Kafka.')
        print(str(ex))
    finally:
        return _producer


if __name__ == '__main__':
    topic = 'w10_access_log'
    print('Publishing records..')
    producer = connect_kafka_producer()

    log_file = 'access_log.txt'

    #WRITE THE CODE HERE
    #Read the file and publish 1 line every 1 second to the topic
```