

6. Write kafka consumer code and create two copies of same consumer code and save it with different names (kafka_consumer_1.py & kafka_consumer_2.py) again make sure latest schema version and schema_str is not hardcoded in the consumer code, read it automatically from the schema registry to deserialize the data.

Now test two scenarios with your consumer code:

a.) Use "group.id" property in consumer config for both consumers and mention different group_ids in kafka_consumer_1.py & kafka_consumer_2.py, apply "earliest" offset property in both consumers and run these two consumers from two different terminals. Calculate how many records each consumer consumed and printed on the terminal.

Kafka_consumer_1.py output:

```
No of records consumed by consumer 1: 74818
```

Kafka_consumer_2.py output:

```
No of records consumed by consumer 2: 74818
```

b.) Use "group.id" property in consumer config for both consumers and mention same group_ids in kafka_consumer_1.py & kafka_consumer_2.py, apply "earliest" offset property in both consumers and run these two consumers from two different terminals. Calculate how many records each consumer.

Kafka_consumer_1.py output:

```
No of records consumed by consumer 1: 24842
```

Kafka_consumer_2.py output:

```
No of records consumed by consumer 2: 49976
```