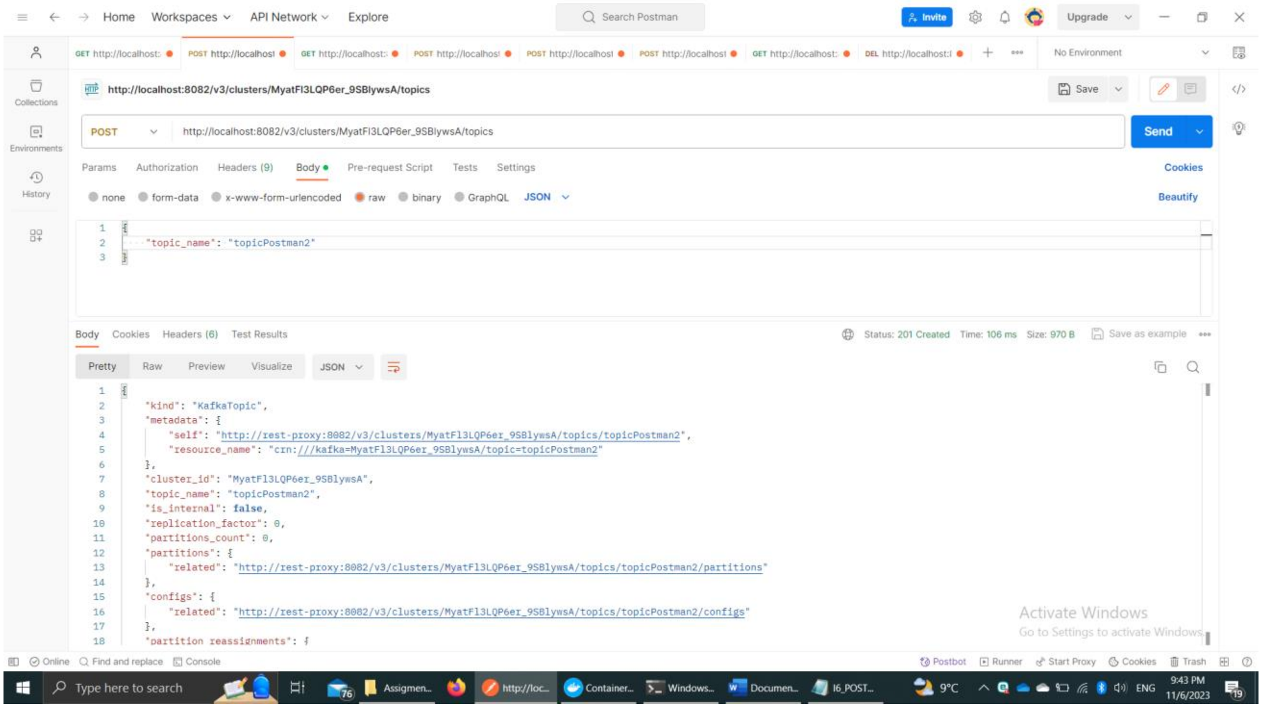
1. Create topic



http://localhost:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics

POST http://localhost:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics

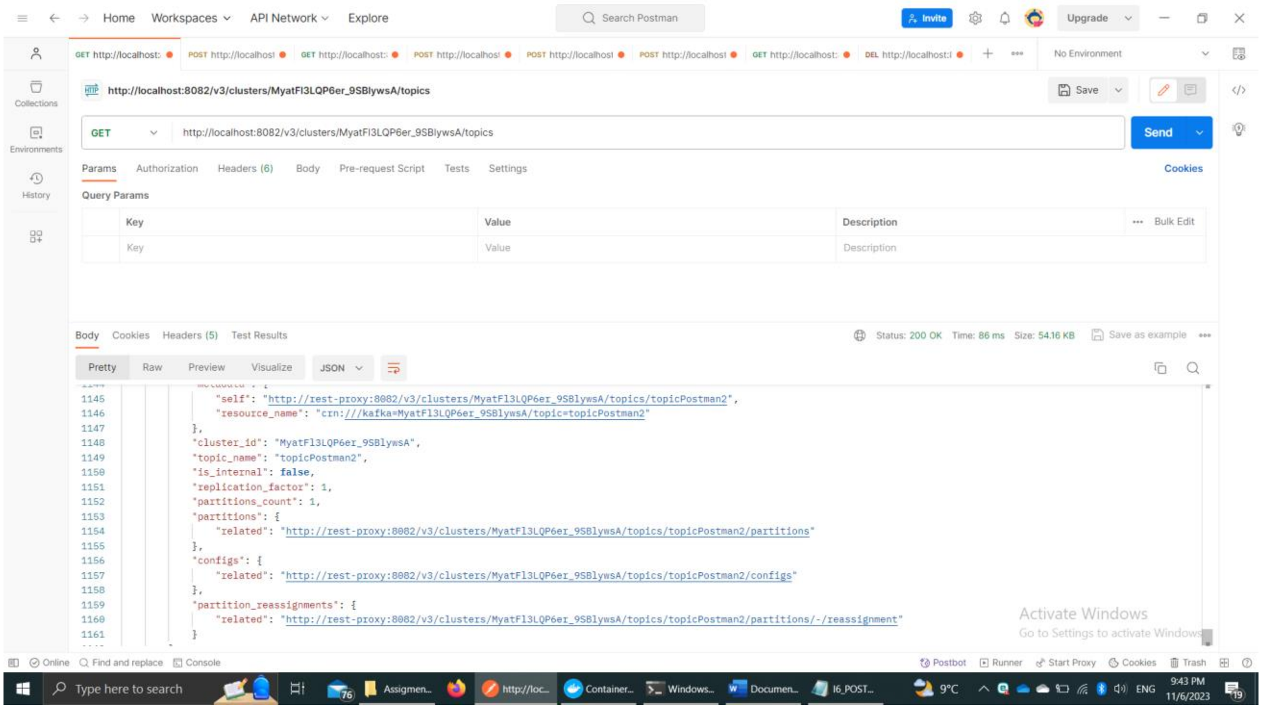
Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "topic_name": "topicPostman2"
}
```

Status: 201 Created Time: 106 ms Size: 970 B

```
{
    "kind": "KafkaTopic",
    "metadata": {
        "self": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2",
        "resource_name": "crn:///kafka=MyatFl3LQP6er_9SBlywsA/topic=topicPostman2"
    },
    "cluster_id": "MyatFl3LQP6er_9SBlywsA",
    "topic_name": "topicPostman2",
    "is_internal": false,
    "replication_factor": 0,
    "partitions_count": 0,
    "partitions": {
        "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/partitions"
    },
    "configs": {
        "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/configs"
    },
    "partition_reassignments": {
```

2. List all topics



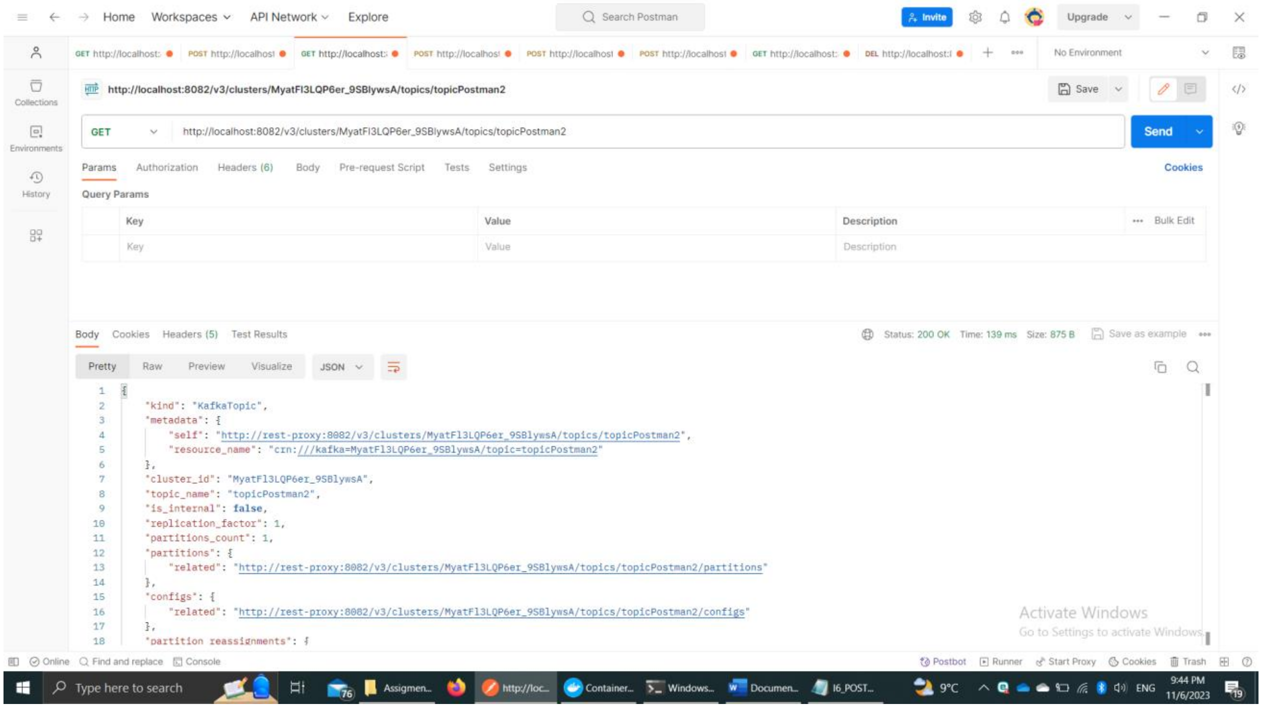
http://localhost:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics

GET http://localhost:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics

Status: 200 OK Time: 86 ms Size: 54.16 KB

```
                "self": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2",
                "resource_name": "crn:///kafka=MyatFl3LQP6er_9SBlywsA/topic=topicPostman2"
            },
            "cluster_id": "MyatFl3LQP6er_9SBlywsA",
            "topic_name": "topicPostman2",
            "is_internal": false,
            "replication_factor": 1,
            "partitions_count": 1,
            "partitions": {
                "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/partitions"
            },
            "configs": {
                "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/configs"
            },
            "partition_reassignments": {
                "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/partitions/-/reassignment"
            }
```

3. Describe topic

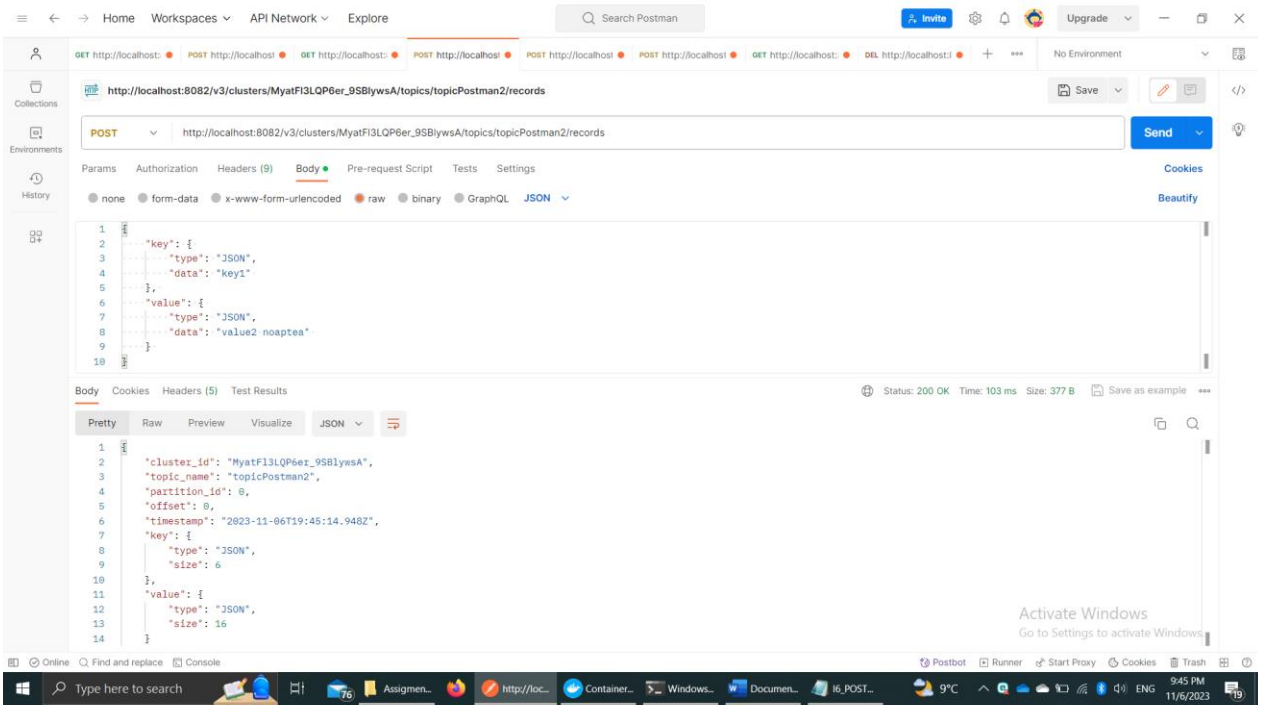


GET http://localhost:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2

Status: 200 OK Time: 139 ms Size: 875 B

```
{
    "kind": "KafkaTopic",
    "metadata": {
        "self": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2",
        "resource_name": "crn:///kafka=MyatFl3LQP6er_9SBlywsA/topic=topicPostman2"
    },
    "cluster_id": "MyatFl3LQP6er_9SBlywsA",
    "topic_name": "topicPostman2",
    "is_internal": false,
    "replication_factor": 1,
    "partitions_count": 1,
    "partitions": {
        "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/partitions"
    },
    "configs": {
        "related": "http://rest-proxy:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/configs"
    },
    "partition_reassignments": {
```

4. Send data



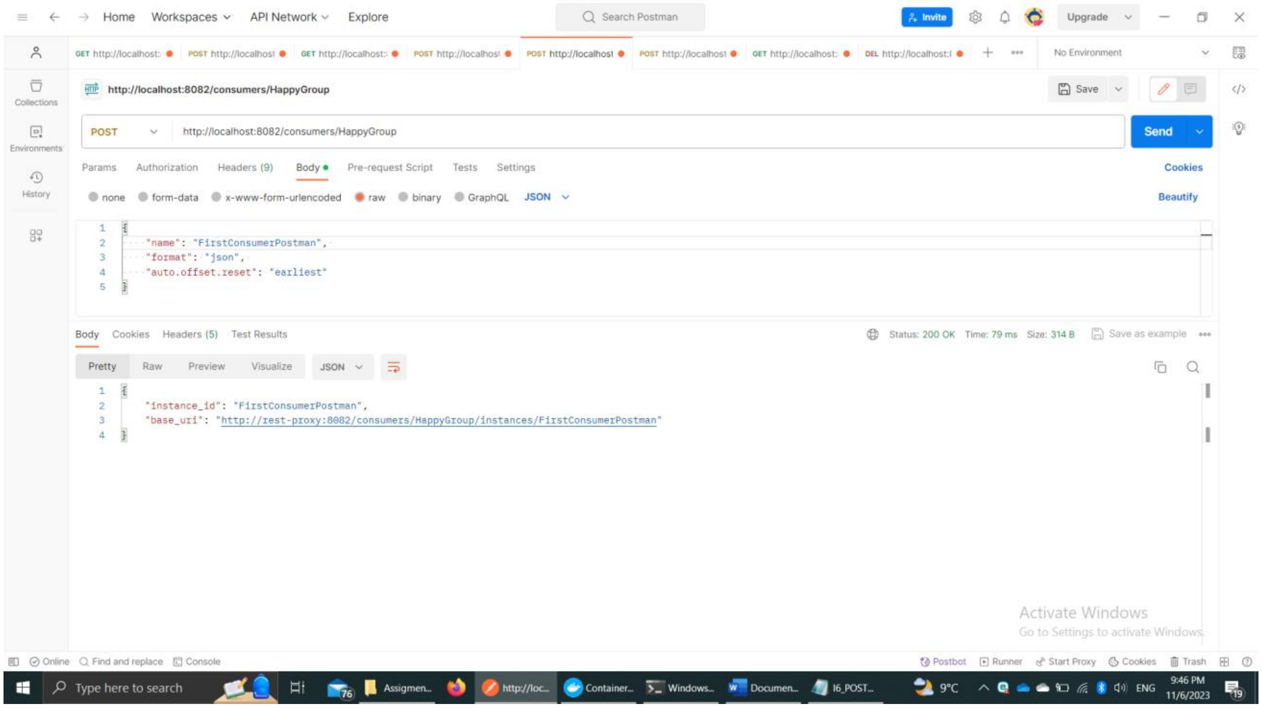
POST http://localhost:8082/v3/clusters/MyatFl3LQP6er_9SBlywsA/topics/topicPostman2/records

```
{
    "key": {
        "type": "JSON",
        "data": "key1"
    },
    "value": {
        "type": "JSON",
        "data": "value2 noaptea"
    }
}
```

Status: 200 OK Time: 103 ms Size: 377 B

```
{
    "cluster_id": "MyatFl3LQP6er_9SBlywsA",
    "topic_name": "topicPostman2",
    "partition_id": 0,
    "offset": 0,
    "timestamp": "2023-11-06T19:45:14.948Z",
    "key": {
        "type": "JSON",
        "size": 6
    },
    "value": {
        "type": "JSON",
        "size": 16
    }
```

5. Create consumer group



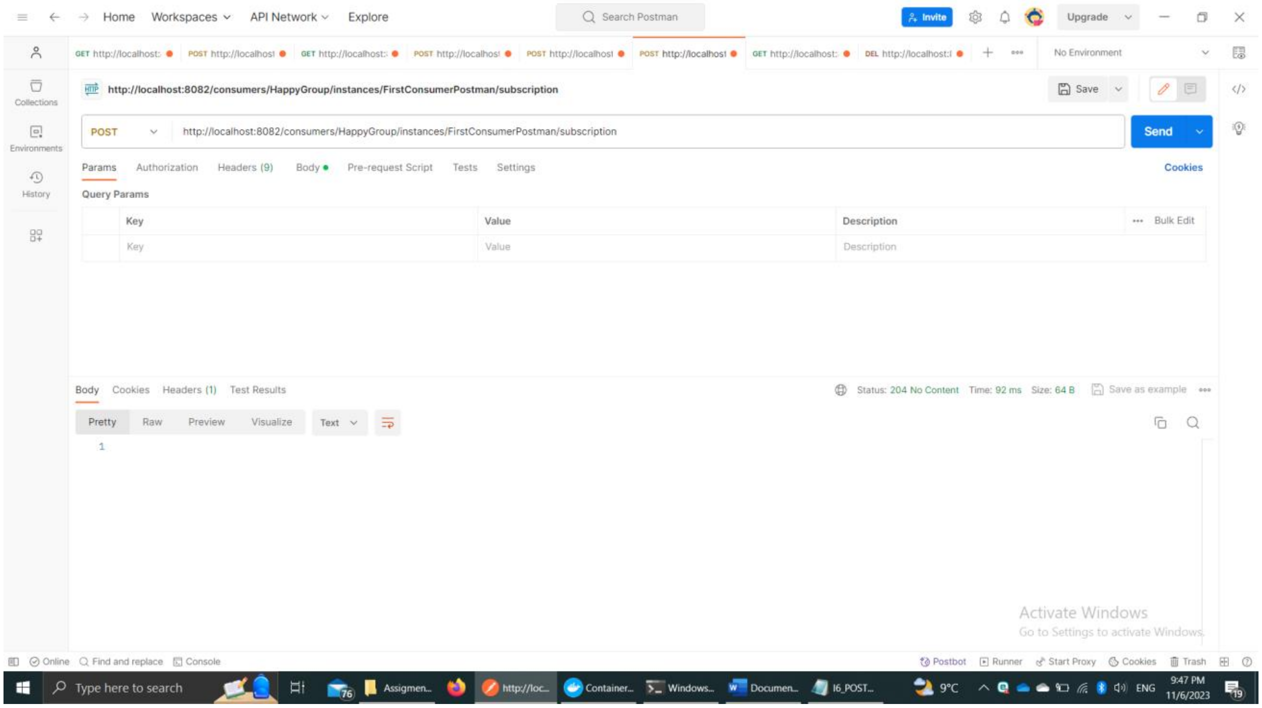
POST http://localhost:8082/consumers/HappyGroup

```
{
    "name": "FirstConsumerPostman",
    "format": "json",
    "auto.offset.reset": "earliest"
}
```

Status: 200 OK Time: 79 ms Size: 314 B

```
{
    "instance_id": "FirstConsumerPostman",
    "base_uri": "http://rest-proxy:8082/consumers/HappyGroup/instances/FirstConsumerPostman"
}
```

6. Create subscription

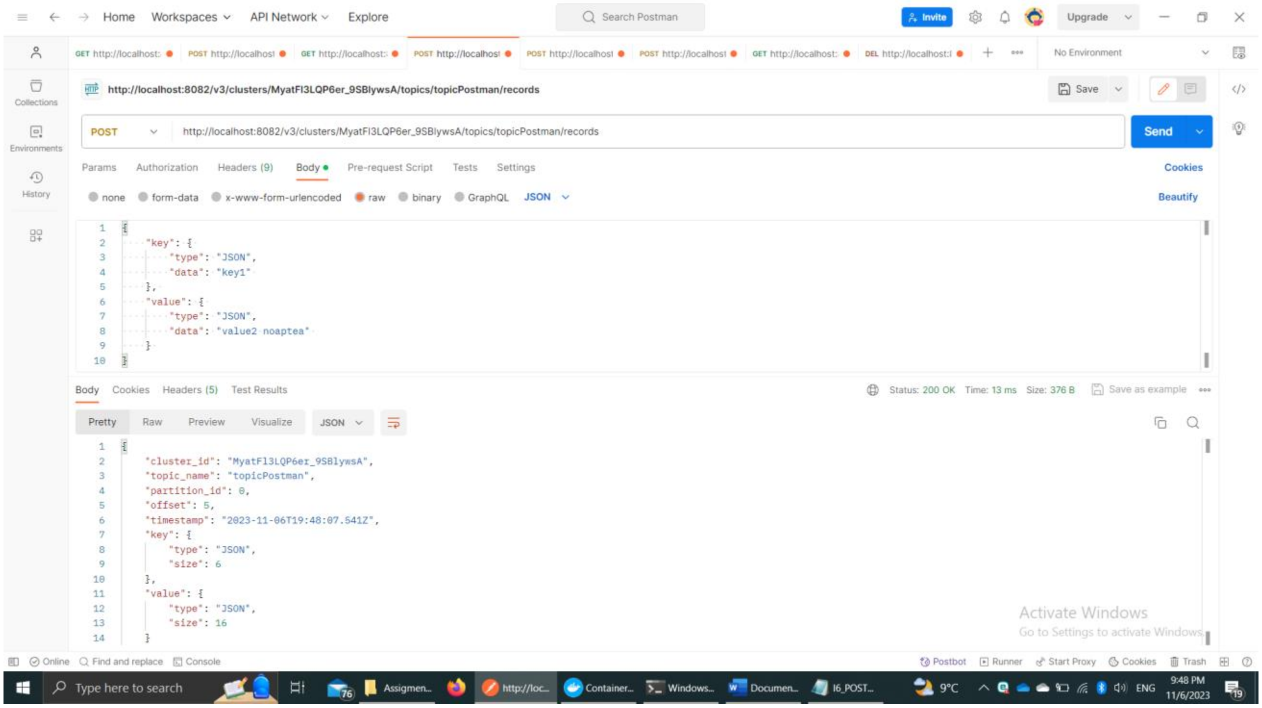


POST http://localhost:8082/consumers/HappyGroup/instances/FirstConsumerPostman/subscription

Status: 204 No Content Time: 92 ms Size: 64 B

7. Get messages

2 messages sent on topicPostman



http://localhost:8082/v3/clusters/MyatFI3LQP6er_9SBlywsA/topics/topicPostman/records

POST http://localhost:8082/v3/clusters/MyatFI3LQP6er_9SBlywsA/topics/topicPostman/records

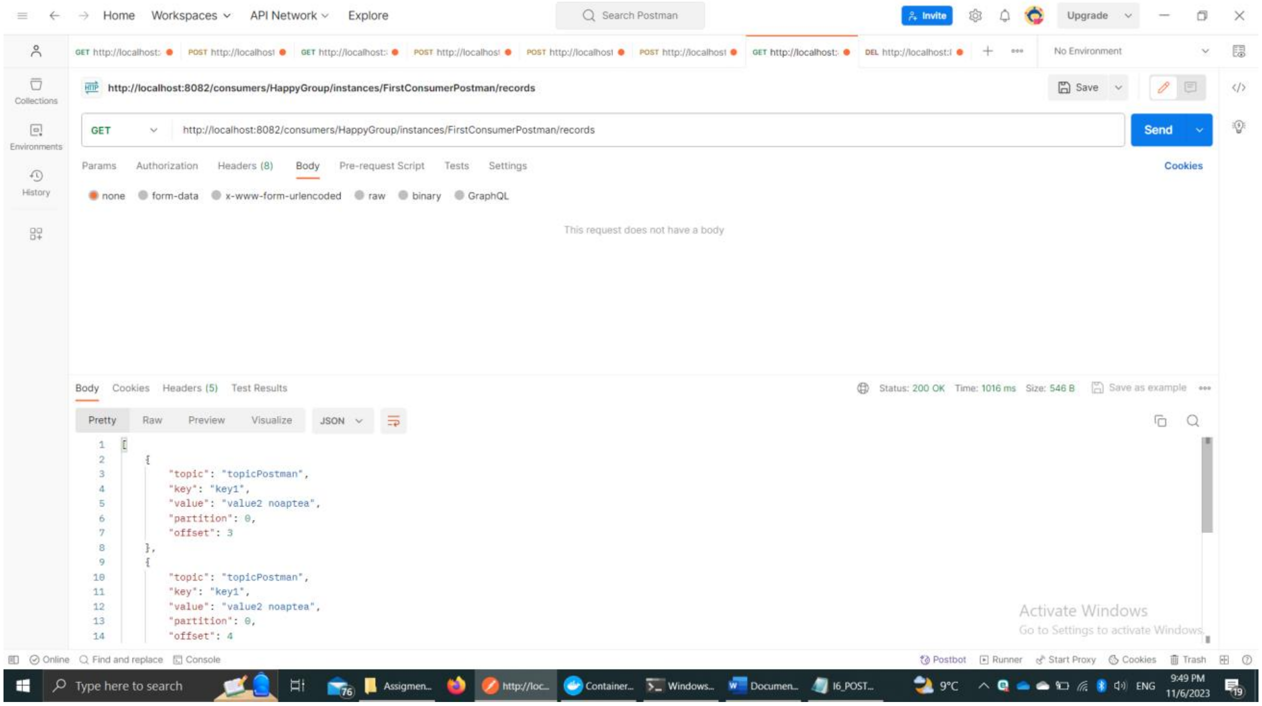
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "key": {
        "type": "JSON",
        "data": "key1"
    },
    "value": {
        "type": "JSON",
        "data": "value2 noaptea"
    }
}
```

Body Cookies Headers (5) Test Results   Status: 200 OK Time: 13 ms Size: 376 B

```
{
    "cluster_id": "MyatFl3LQP6er_9SBlywsA",
    "topic_name": "topicPostman",
    "partition_id": 0,
    "offset": 5,
    "timestamp": "2023-11-06T19:48:07.541Z",
    "key": {
        "type": "JSON",
        "size": 6
    },
    "value": {
        "type": "JSON",
        "size": 16
    }
```

Messages received



http://localhost:8082/consumers/HappyGroup/instances/FirstConsumerPostman/records

GET http://localhost:8082/consumers/HappyGroup/instances/FirstConsumerPostman/records

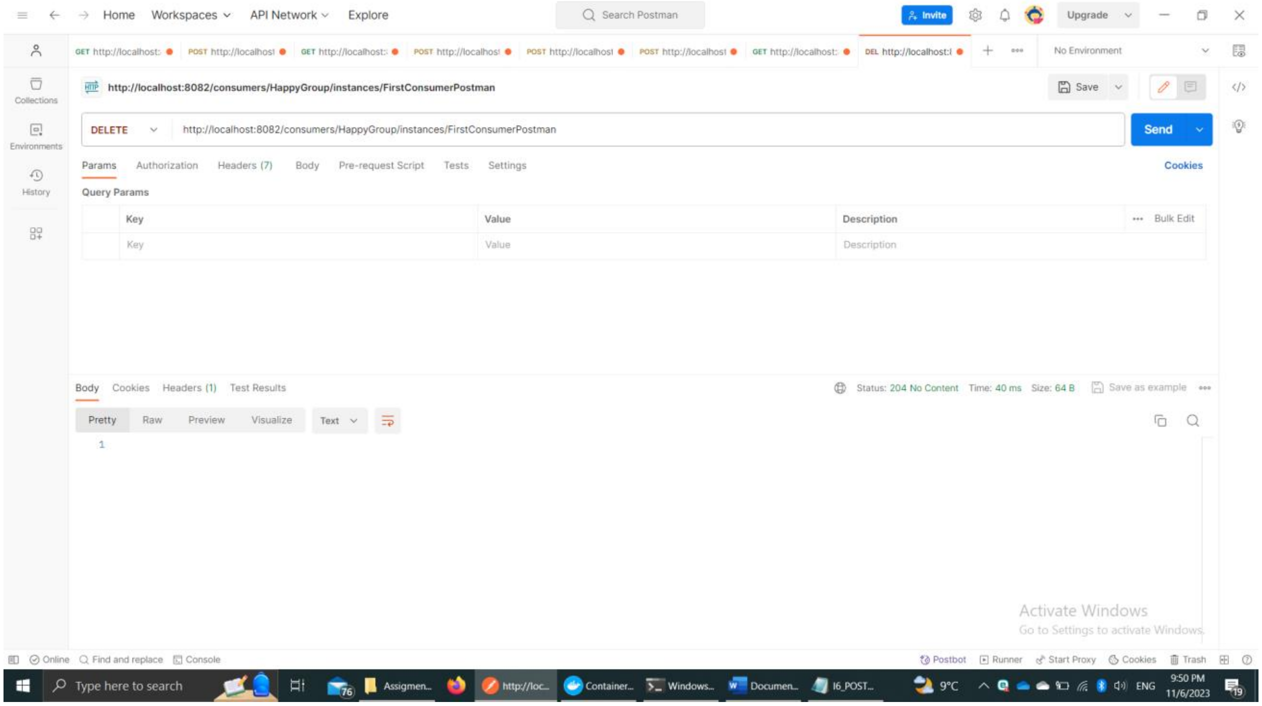
● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

This request does not have a body

Body Cookies Headers (5) Test Results   Status: 200 OK Time: 1016 ms Size: 546 B

```
[
    {
        "topic": "topicPostman",
        "key": "key1",
        "value": "value2 noaptea",
        "partition": 0,
        "offset": 3
    },
    {
        "topic": "topicPostman",
        "key": "key1",
        "value": "value2 noaptea",
        "partition": 0,
        "offset": 4
```

8. Delete consumer group



http://localhost:8082/consumers/HappyGroup/instances/FirstConsumerPostman

DELETE http://localhost:8082/consumers/HappyGroup/instances/FirstConsumerPostman

Status: 204 No Content Time: 40 ms Size: 64 B