```
--create_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderCreate",
  "orderId": "1",
  "orderName": "Order1",
  "orderNumber": "1",
  "orderUnit": "kg",
  "orderDataStart": "05.05.2022",
  "orderDataEnd": "05.05.2022",
  "orderCityStart": "Kyiv",
  "orderCityEnd": "Lviv",
  "orderRoute": ["Kyiv", "Svyatoshyn", "Pidzamche","Lviv"],
  "customerDetails": "Customer1"
}
___Json receive:___
{
    "Ok": "Order save"
}
```

railwayTransportation.receipts

Documents   Aggregations   Schema   Explain Plan

FILTER { field: 'value' }

ADD DATA   VIEW

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order1"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: ""
orderRouteCheck: ""
orderReceive: ""
```

```
--edit_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderEdit",
  "orderId": "1",
  "editKey": "orderName",
  "editValue": "Order2Edit"
}
___Json receive:___
{
    "Ok": "Order edit"
}
```

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: ""
orderRouteCheck: ""
orderReceive: ""
```

```
--get_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderGet",
  "orderId": "1"
}
___Json receive:___
{
    "orderId": "1",
    "orderName": "Order2Edit",
    "orderNumber": "1",
    "orderUnit": "kg",
    "orderDataStart": "05.05.2022",
    "orderDataEnd": "05.05.2022",
    "orderCityStart": "Kyiv",
    "orderCityEnd": "Lviv",
    "orderRoute": [
        "Kyiv",
        "Svyatoshyn",
        "Pidzamche",
        "Lviv"
    ],
    "customerDetails": "Customer1",
    "orderSent": "",
    "orderRouteCheck": "",
    "orderReceive": ""
}
```

railwayTransportation.receipts

Documents   Aggregations   Schema   Explain

FILTER { field: 'value' }

ADD DATA   VIEW

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: ""
orderRouteCheck: ""
orderReceive: ""
```

```
--sent_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderSent",
  "orderId": "1"
}

___Json receive:___
{
    "Ok": "Order sent"
}
```

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: "05.12.2022 17:34:51"
orderRouteCheck: ""
orderReceive: ""
```

```
--check_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderRouteCheck",
  "orderId": "1"
}

___Json receive:___
{
    "Ok": "Order check"
}
```

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: "05.12.2022 17:34:51"
orderRouteCheck: "05.12.2022 17:35:58"
orderReceive: ""
```

```
--receive_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderReceive",
  "orderId": "1"
}

___Json receive:___
{
    "Ok": "Order receive"
}
```

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: "05.12.2022 17:34:51"
orderRouteCheck: "05.12.2022 17:35:58"
orderReceive: "05.12.2022 17:36:56"
```

```
--create_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderCreate",
  "orderId": "2",
  "orderName": "Order2",
  "orderNumber": "1",
  "orderUnit": "kg",
  "orderDataStart": "05.05.2022",
  "orderDataEnd": "06.05.2022",
  "orderCityStart": "Kyiv",
  "orderCityEnd": "Lviv",
  "orderRoute": ["Kyiv", "Svyatoshyn", "Pid
],
  "customerDetails": "Customer1"
}

___Json receive:___
{
    "Ok": "Order save"
}
```

```
_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: "05.12.2022 17:34:51"
orderRouteCheck: "05.12.2022 17:35:58"
orderReceive: "05.12.2022 17:36:56"

_id: ObjectId('638e109932d25066f674955d')
orderId: "2"
orderName: "Order2"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "06.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: ""
orderRouteCheck: ""
orderReceive: ""
```

--all_get_order.json--
___Json send:___
{
  "token": "1",
  "type": "OrderAllGet"
}
___Json receive:___
{
  "Orders": [
    {
      "orderId": "1",
      "orderName": "Order2Edit",
      "orderNumber": "1",
      "orderUnit": "kg",
      "orderDataStart": "05.05.2022",
      "orderDataEnd": "05.05.2022",
      "orderCityStart": "Kyiv",
      "orderCityEnd": "Lviv",
      "orderRoute": [
        "Kyiv",
        "Svyatoshyn",
        "Pidzamche",
        "Lviv"
      ],
      "customerDetails": "Customer1",
      "orderSent": "05.12.2022 17:34:51",
      "orderRouteCheck": "05.12.2022 17:35:58",
      "orderReceive": "05.12.2022 17:36:56"
    },
    {
      "orderId": "2",
      "orderName": "Order2",
      "orderNumber": "1",
      "orderUnit": "kg",
      "orderDataStart": "05.05.2022",
      "orderDataEnd": "06.05.2022",
      "orderCityStart": "Kyiv",
      "orderCityEnd": "Lviv",
      "orderRoute": [
        "Kyiv",
        "Svyatoshyn",
        "Pidzamche",
        "Lviv"
      ],
      "customerDetails": "Customer1",
      "orderSent": "",
      "orderRouteCheck": "",
      "orderReceive": ""
    }
  ]
}

Connect   View   Collection   Help

Documents
railwayTransportati...

railwayTransportation.receipts

Documents   Aggregations   Schema   Explain Plan

FILTER   { field: 'value' }

ADD DATA   VIEW

_id: ObjectId('638e0e1232d25066f674955c')
orderId: "1"
orderName: "Order2Edit"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "05.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: "05.12.2022 17:34:51"
orderRouteCheck: "05.12.2022 17:35:58"
orderReceive: "05.12.2022 17:36:56"

_id: ObjectId('638e109932d25066f674955d')
orderId: "2"
orderName: "Order2"
orderNumber: "1"
orderUnit: "kg"
orderDataStart: "05.05.2022"
orderDataEnd: "06.05.2022"
orderCityStart: "Kyiv"
orderCityEnd: "Lviv"
> orderRoute: Array
customerDetails: "Customer1"
orderSent: ""
orderRouteCheck: ""
orderReceive: ""

```
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
 ./TokenManager.java
Invalid argument
Use: -create/-c -getAll/-ga -delete/-d [token]
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
 ./TokenManager.java -ga
1  01.05.2022
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
```

railwayTransportation.tokens

Documents   Aggregations   Schema   Explain

FILTER   { field: 'value' }

ADD DATA   VIEW

_id: ObjectId('638de430d634b5c04712e81e')
token: "1"
date: "01.05.2022"

```
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
 ./TokenManager.java -c
Token create: a4000d5f9875459d9ec2af2191145bfc
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
 ./TokenManager.java -ga
1  01.05.2022
a4000d5f9875459d9ec2af2191145bfc  05.12.2022 17:57:13
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
```

_id: ObjectId('638de430d634b5c04712e81e')
token: "1"
date: "01.05.2022"

_id: ObjectId('638e14d91fb74936178faa21')
token: "a4000d5f9875459d9ec2af2191145bfc"
date: "05.12.2022 17:57:13"

```
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
 ./TokenManager.java -d a4000d5f9875459d9ec2af2191145bfc
Token delete
bogdan@asus:~/Documents/kpi2022/sdt_practical_4/examples_json$
 ./TokenManager.java -ga
1  01.05.2022
```

ADD DATA   VIEW

_id: ObjectId('638de430d634b5c04712e81e')
token: "1"
date: "01.05.2022"