# Postman Installation

Postman is a tool widely used for testing Java APIs

Postman can be downloaded from below location.

[Download Postman | Get Started for Free](https://www.postman.com/downloads/)

Open Postman application

Graphical user interface

Description automatically generated

The Spring boot api we have created has multiple endpoints. We will test them one by one.

Before running these tests, making sure your application is up and running.

To run jar file, run below command.

java -jar target/ordermanagement-0.0.1-SNAPSHOT.jar

Text

Description automatically generated

# Testing Scenarios

## Get All Customers

URL: <http://localhost:8080/ordermanagement/allcustomers>

HTTP Method: GET

Graphical user interface, text, application, email

Description automatically generated

## Get all Orders.

URL: http://localhost:8080/ordermanagement/allorders

HTTP Method: GET

Graphical user interface, text, application, email

Description automatically generated

## Get All Complains

URL: <http://localhost:8080/ordermanagement/allcomplains>

HTTP Method: GET

Graphical user interface, text, application, email

Description automatically generated

## Get a customer by passing customer id.

URL: <http://localhost:8080/ordermanagement/customer?id=1>

HTTP Method: GET

Graphical user interface, text, application, email

Description automatically generated

## Get an order by passing order id.

URL: <http://localhost:8080/ordermanagement/order?id=1>

HTTP Method: GET

Graphical user interface, text, email

Description automatically generated

## Get a complaint by passing complain id.

URL: <http://localhost:8080/ordermanagement/complain?id=1>

HTTP Method: GET

Graphical user interface, text, application, email

Description automatically generated

## Get a complaint related to a customer by passing the customer id.

URL: <http://localhost:8080/ordermanagement/complainbycustomer?id=1>

HTTP Method: GET

Graphical user interface, text, email

Description automatically generated

## Get an order related to a customer by passing the customer id.

URL: <http://localhost:8080/ordermanagement/orderbycustomer?id=1>

HTTP Method: GET

Graphical user interface, text, application, email

Description automatically generated

## Create a new Customer.

To create a new customer, you need to set message and header. Check below screen shots before you press Send button.

URL: <http://localhost:8080/ordermanagement/addcustomer>

HTTP Method: POST

Message:

{

    "name": "Kangro",

    "address": "Leiston Close",

    "phone": "6778929"

}

Header: Content-Type: application/json

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

To see newly created customer detail, go to “Get all customer” section.

## Create a new Complaint.

To create a new complaint, you need to set message and header. Check below screen shots before you press Send button.

URL: <http://localhost:8080/ordermanagement/addcomplain>

HTTP Method: POST

Message:

{

    "customer\_id": 2,

    "complain": "a complaint for a customer"

}

Header: Content-Type: application/json

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

## Create a new Order.

To create a new order, you need to set message and header. Check below screen shots before you press Send button.

URL: <http://localhost:8080/ordermanagement/addorder>

HTTP Method: POST

Message:

{

    "customer\_id": 1,

    "order\_detail": "A new order"

}

Header: Content-Type: application/json

Graphical user interface, text, application, email

Description automatically generated

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Description automatically generated