**Exercise 5: Creating a simple server with Express framework**

# Objective

In this exercise, you'll learn how to create a simple server with the Express framework. Express is a lightweight framework for building web applications with Node.js. It simplifies the server creation process that's built into Node.js, making it easier to create web applications and services. Follow the steps below to create your first Express server.

# Requirements

* Basic knowledge of JavaScript and Node.js.
* Node.js installed on your machine. If not, download and install it from nodejs.org.

# The steps to create your first Express server

## Step 1: Set Up Your Project

Create a node-express folder and navigate into it in your terminal or command prompt.

mkdir express-server

cd express-server

## Step 2: Initialize a New Node.js Project

* Run npm init to create a package.json file.
* You can press enter to accept the default for all questions or fill them out if you prefer.

npm init -y

* **Install Express**: Install the Express framework by running:

npm install express

## Step 3: Create Your SImple Server with Express framework

* Create the Server File: Create a file named server.js in your project directory.
* Write Your Server Code: Open server.js in your favorite code editor, and add the following code to set up a basic Express server.



**Step 4: Run Your Server**

* In your terminal or command prompt, run the server with Node.js.

node server.js

* Open a web browser, and go to http://localhost:3000. You should see "Hello, Express!" displayed on the page or test with Postman.

# Conclusion

This exercise aims to deepen your understanding of how to build a simple server with API using Express framework.