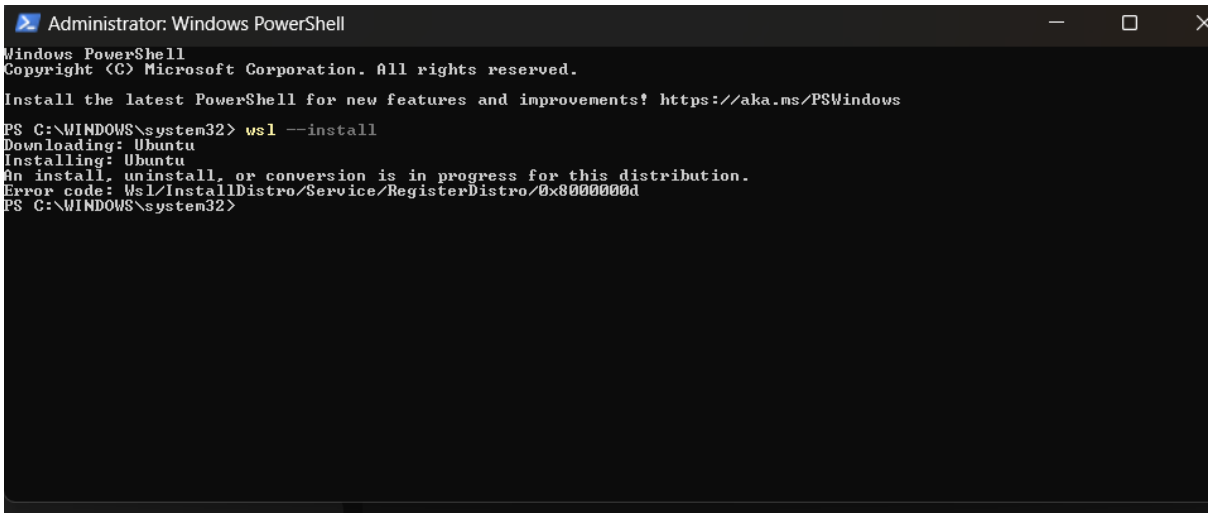
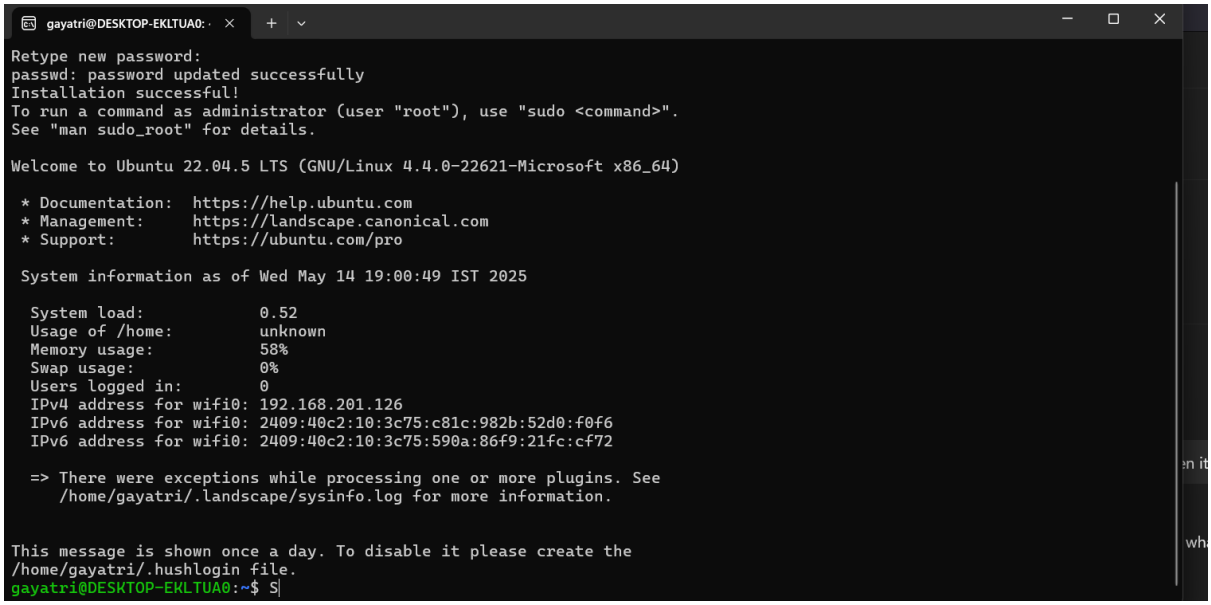
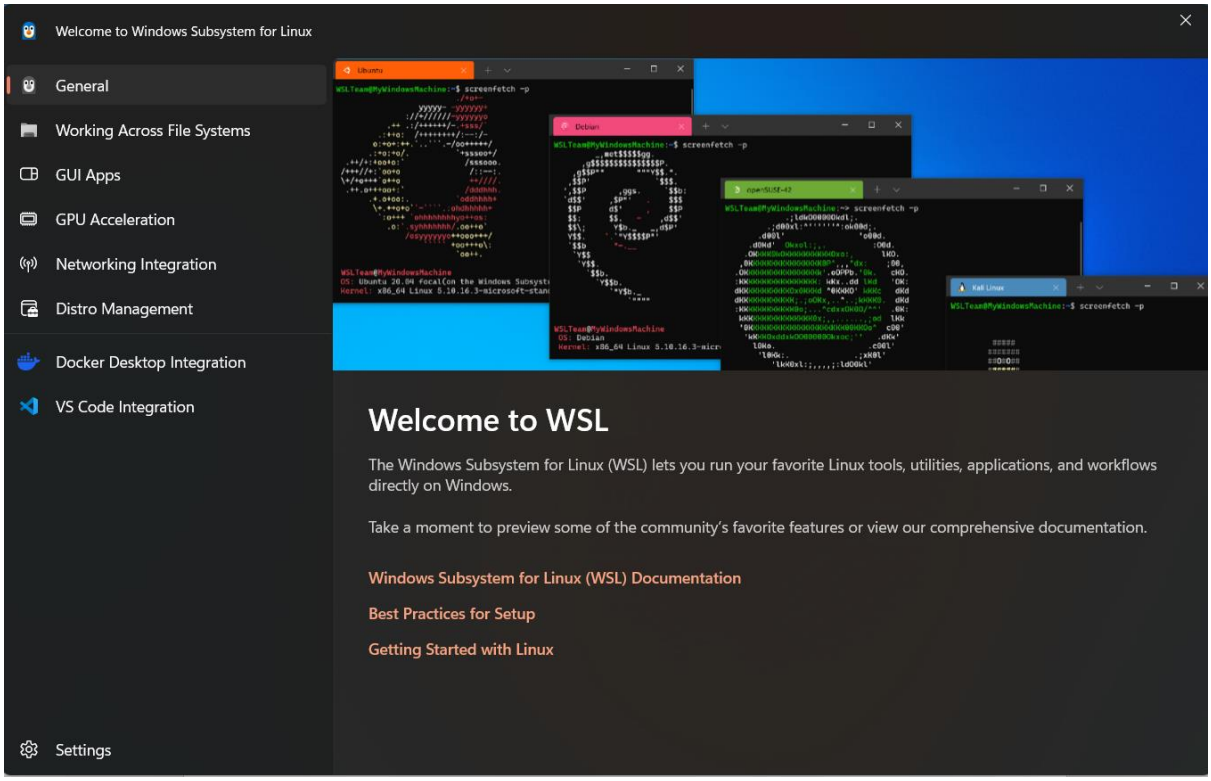
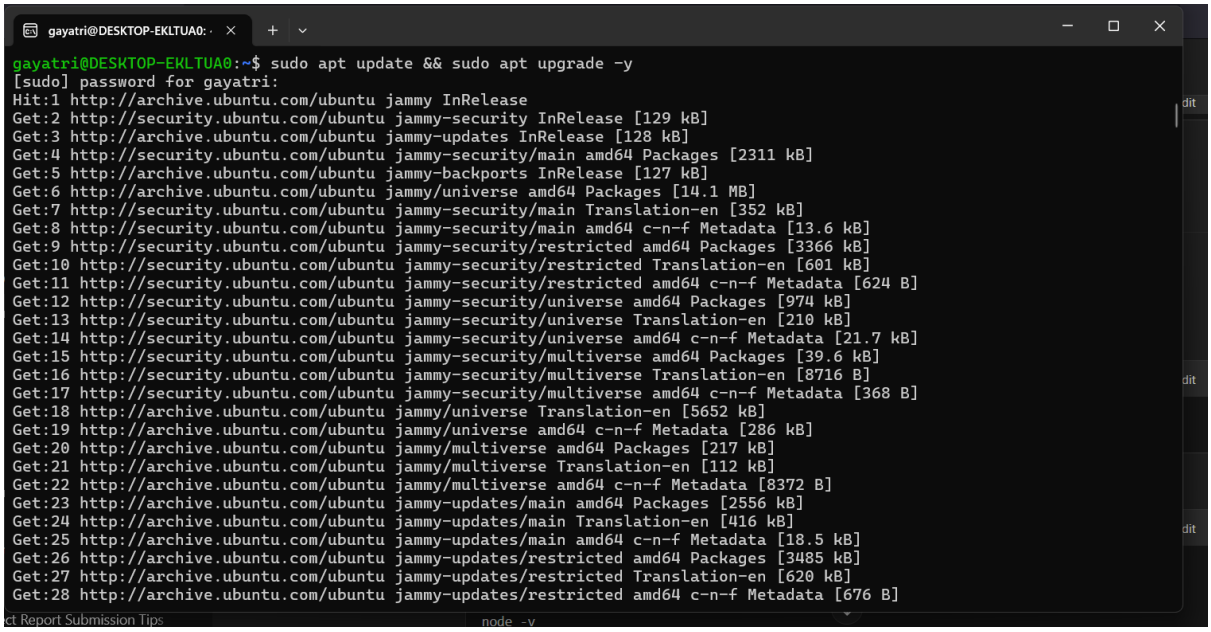
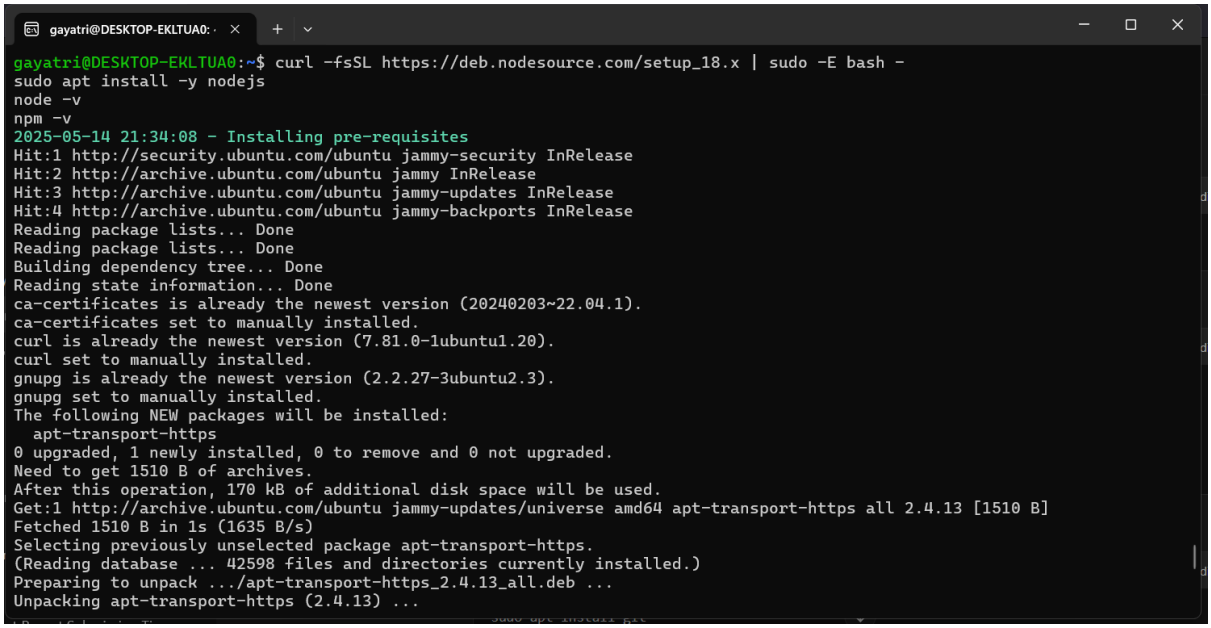

Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\WINDOWS\system32> wsl --install
Downloading: Ubuntu
Installing: Ubuntu
An install, uninstall, or conversion is in progress for this distribution.
Error code: Wsl/InstallDistro/Service/RegisterDistro/0x8000000d
PS C:\WINDOWS\system32>

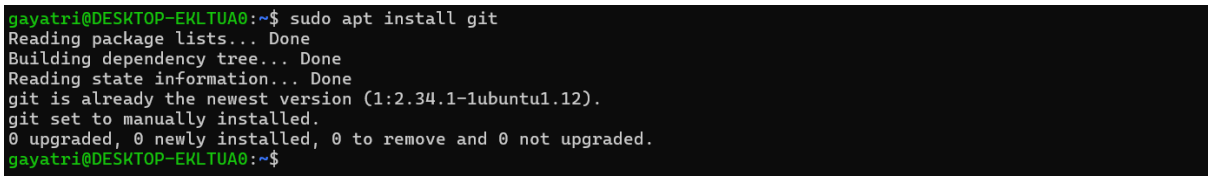

gayatri@DESKTOP-EKLTUA0:
Retype new password:
passwd: password updated successfully
Installation successful!
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 4.4.0-22621-Microsoft x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/pro
System information as of Wed May 14 19:00:49 IST 2025
System load: 0.52
Usage of /home: unknown
Memory usage: 58%
Swap usage: 0%
Users logged in: 0
IPv4 address for wifi0: 192.168.201.126
IPv6 address for wifi0: 2409:40c2:10:3c75:c81c:982b:52d0:f0f6
IPv6 address for wifi0: 2409:40c2:10:3c75:590a:86f9:21fc:cf72
=> There were exceptions while processing one or more plugins. See
/home/gayatri/.landscape/sysinfo.log for more information.
This message is shown once a day. To disable it please create the
/home/gayatri/.hushlogin file.
gayatri@DESKTOP-EKLTUA0:~$ S



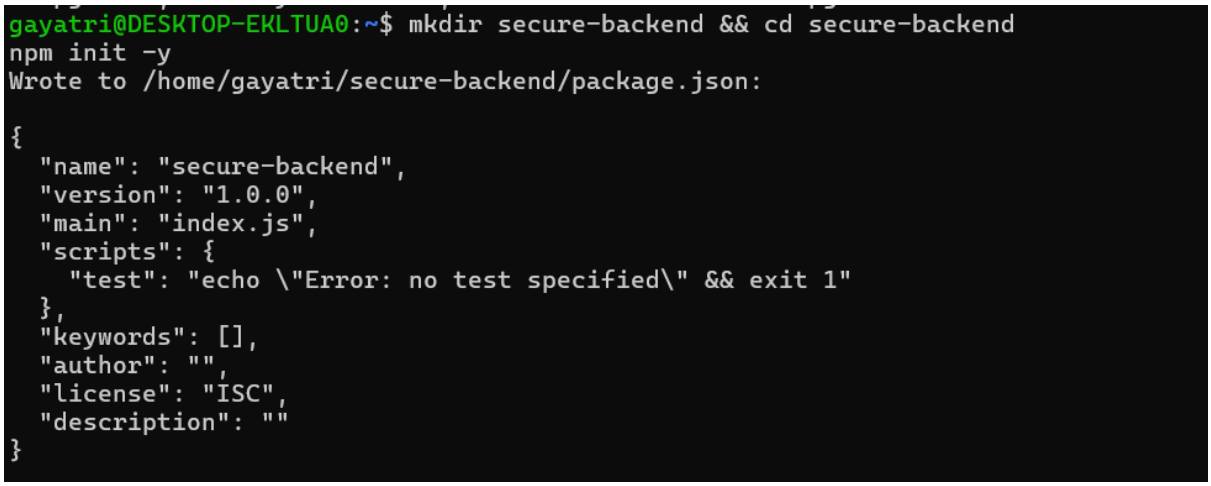
Part 2 : INSTALL TOOLS INSIDE WSL (Ubuntu)

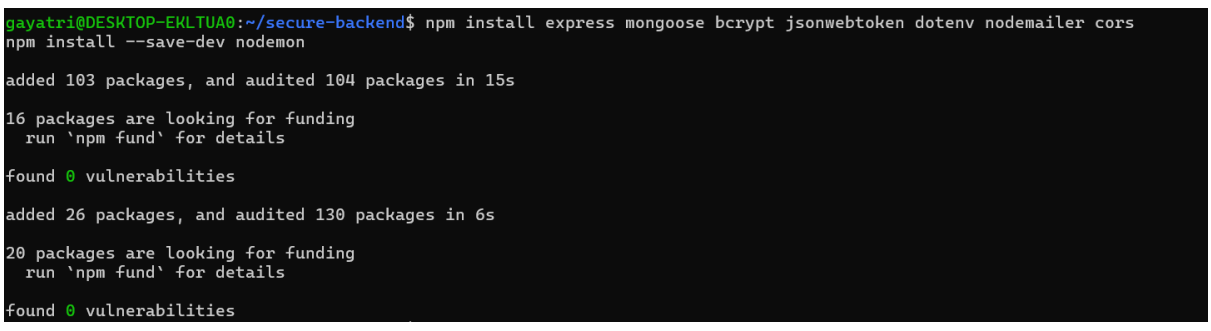


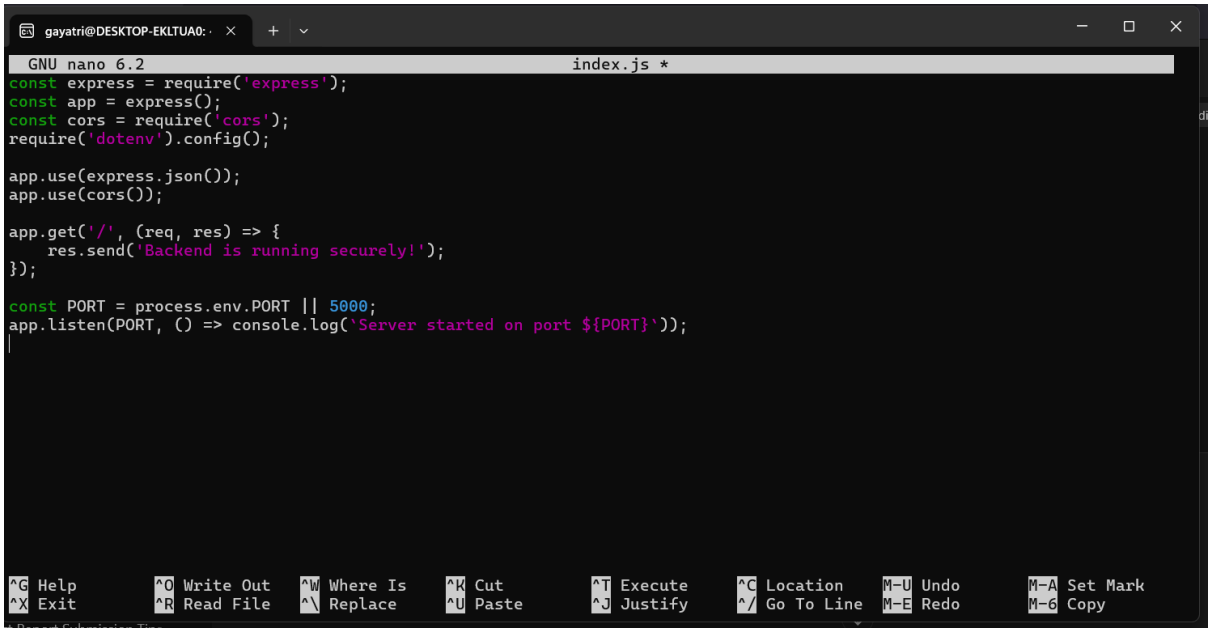


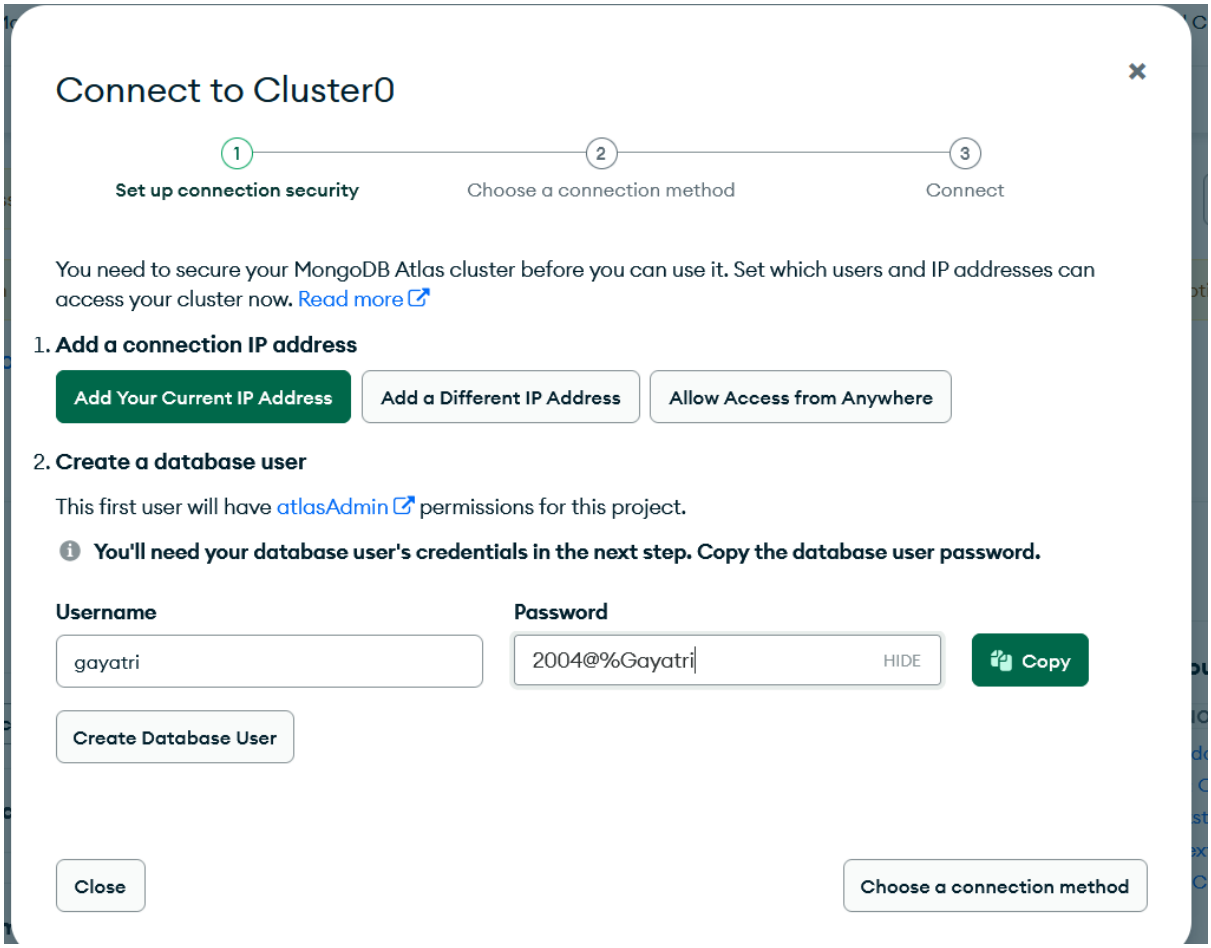


PART 3: PROJECT SETUP USING EXPRESS.JS






gayatri@DESKTOP-EKLTUA0:
GNU nano 6.2 index.js *
const express = require('express');
const app = express();
const cors = require('cors');
require('dotenv').config();
app.use(express.json());
app.use(cors());
app.get('/', (req, res) => {
res.send('Backend is running securely!');
});
const PORT = process.env.PORT || 5000;
app.listen(PORT, () => console.log(`Server started on port ${PORT}`));
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy


Connect to Cluster0
1
Set up connection security
2
Choose a connection method
3
Connect
You need to secure your MongoDB Atlas cluster before you can use it. Set which users and IP addresses can access your cluster now. Read more
1. Add a connection IP address
Add Your Current IP Address
Add a Different IP Address
Allow Access from Anywhere
2. Create a database user
This first user will have atlasAdmin permissions for this project.
You'll need your database user's credentials in the next step. Copy the database user password.
Username
gayatri
Password
2004@%Gayatri
HIDE
Copy
Create Database User
Close
Choose a connection method

Add IP Access List Entry

Atlas only allows client connections to a cluster from entries in the project's IP Access List. Each entry should either be a single IP address or a CIDR-notated range of addresses. Learn more

ADD CURRENT IP ADDRESS | ALLOW ACCESS FROM ANYWHERE

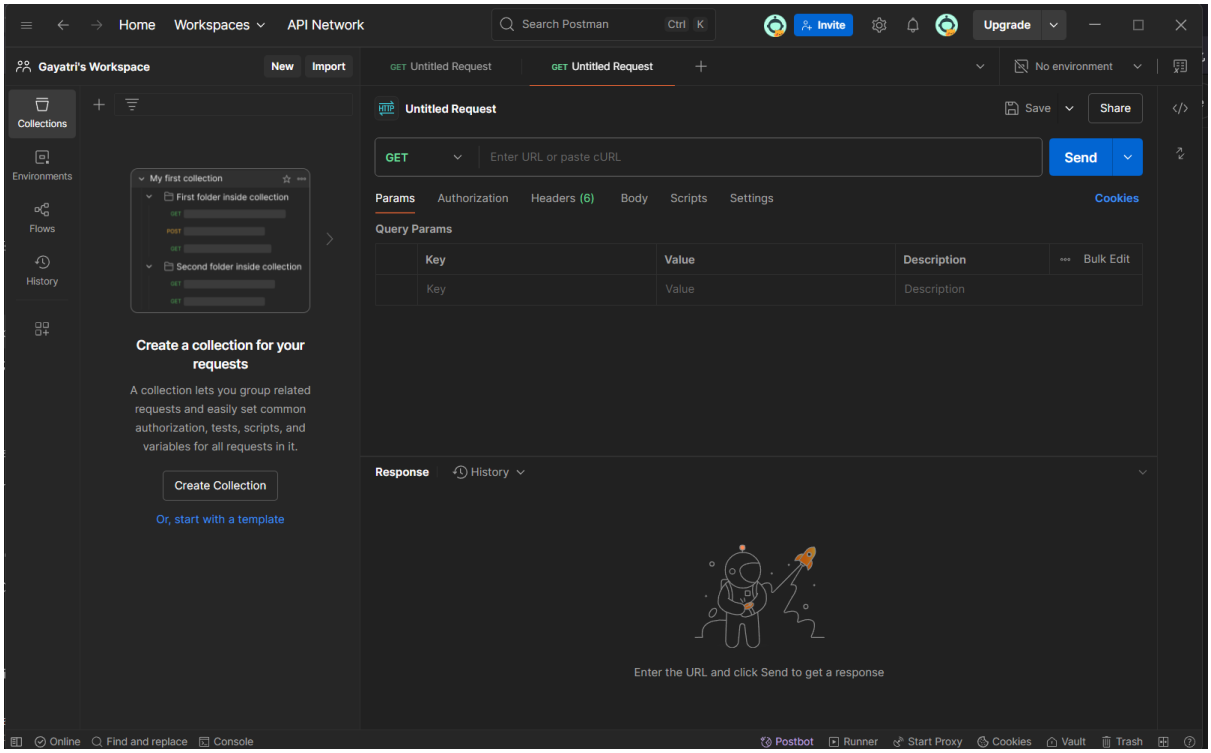
Access List Entry: 0.0.0.0/0

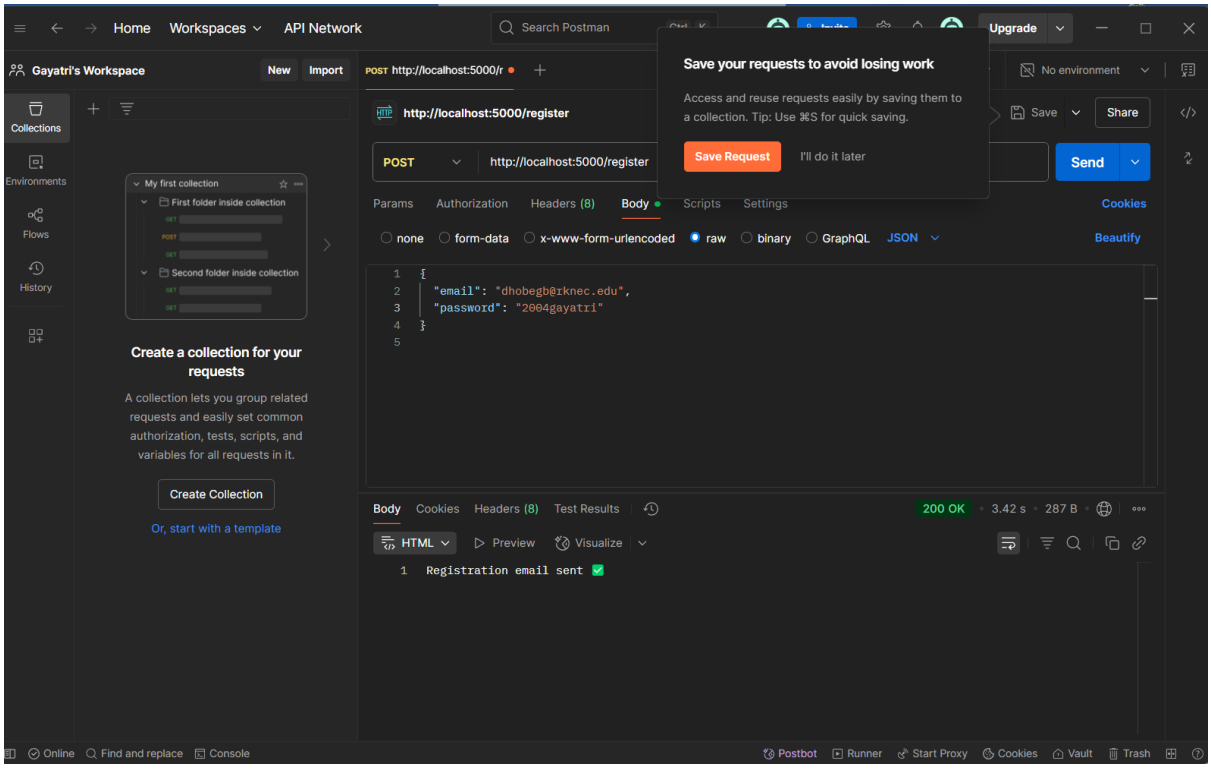
Comment: Optional comment describing this entry

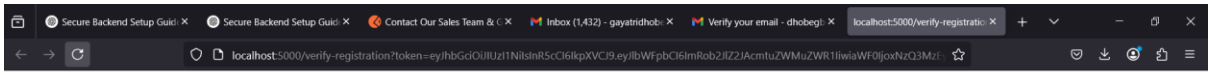
This entry is temporary and will be deleted in 6 hours

Cancel | Confirm

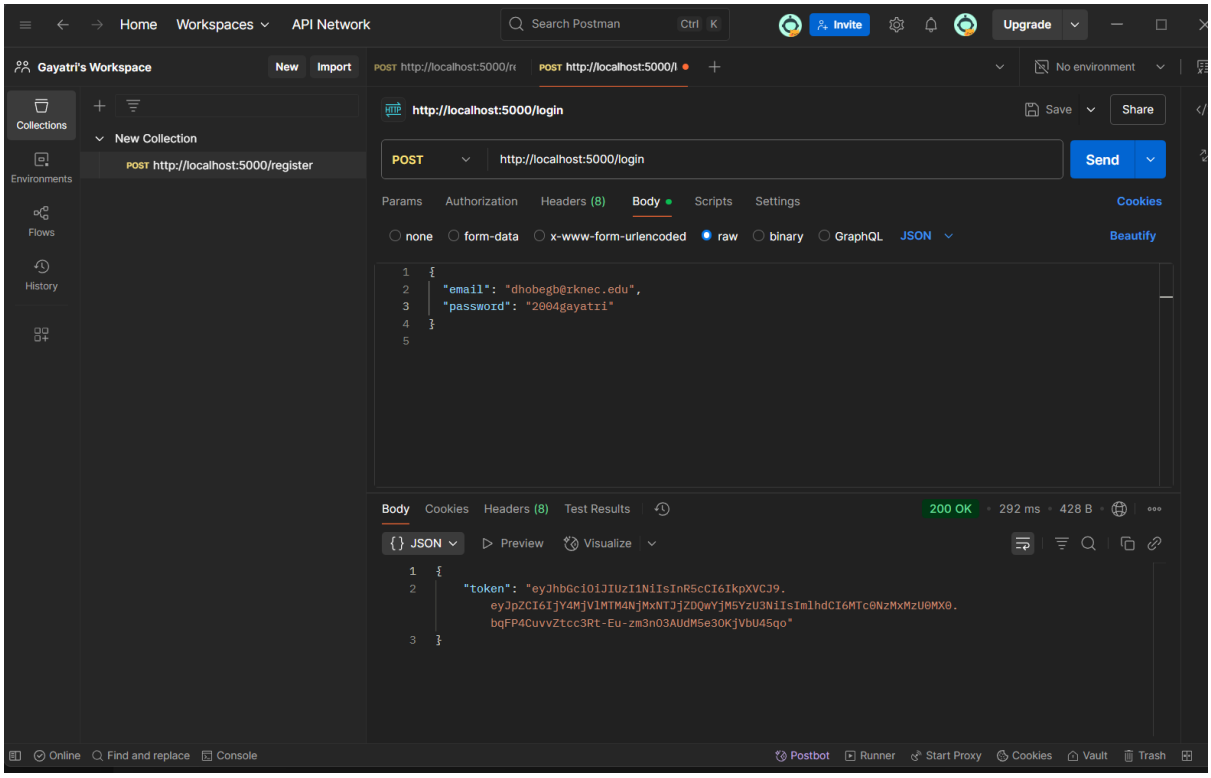
```
jayatri@DESKTOP-EKLTUA0:~/secure-backend$ nano .env
jayatri@DESKTOP-EKLTUA0:~/secure-backend$ node index.js
Server running on port 5000
MongoDB connected
```

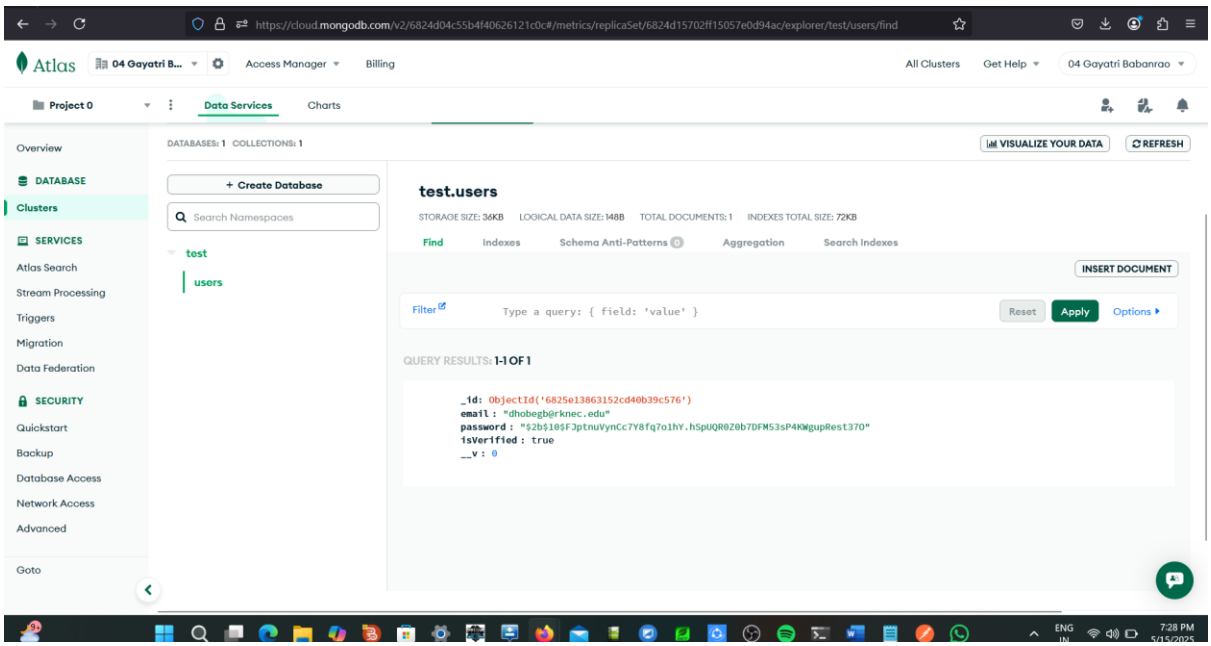


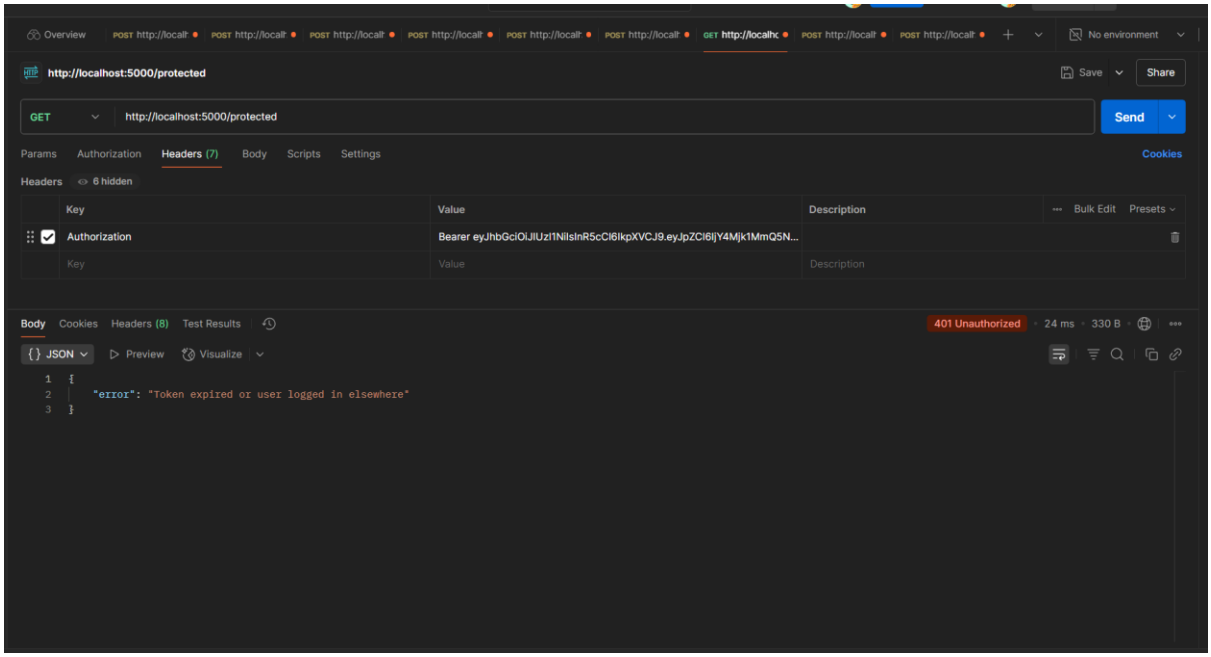


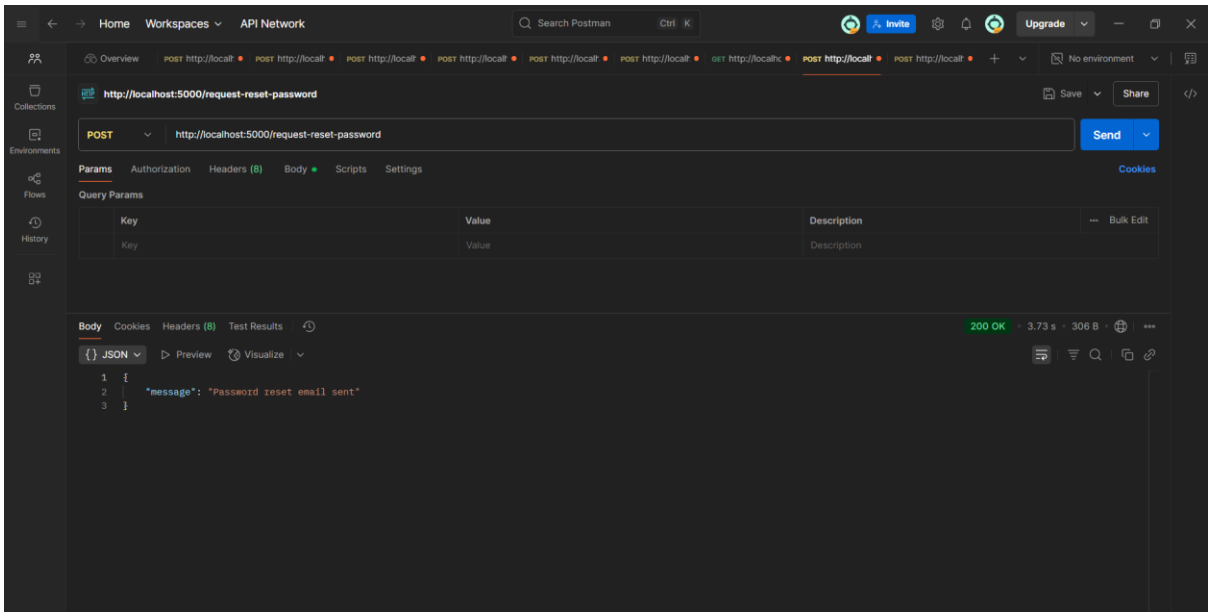


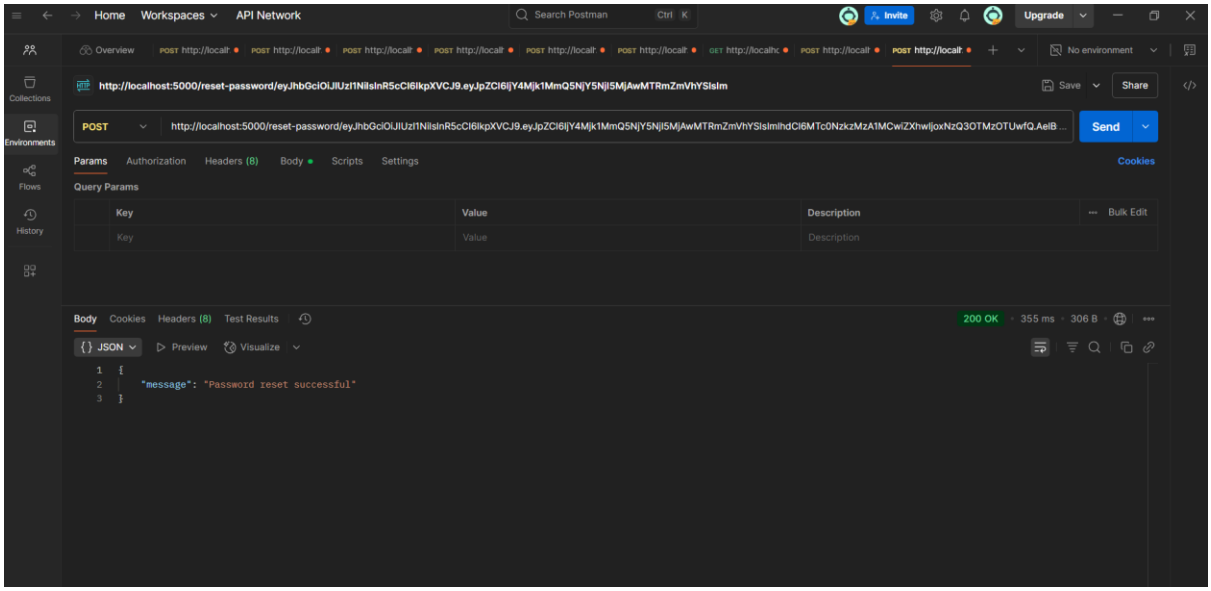
Email verified successfully


Home
Workspaces
API Network
Search Postman
Invite
Upgrade
Gayatri's Workspace
New
Import
No environment
Collections
Environments
Flows
History
New Collection
POST http://localhost:5000/register
http://localhost:5000/login
Save
Share
POST
http://localhost:5000/login
Send
Params
Authorization
Headers (8)
Body
Scripts
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"email": "dhobegb@rknec.edu",
"password": "2004gayatri"
}
Body
Cookies
Headers (8)
Test Results
200 OK
292 ms
428 B
JSON
Preview
Visualize
{
"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
eyJpZCI6IjY4MjVlMTM4NjMxNTJjZDQwYjM5YzU3NiIsImlhdCI6MTc0NzMxMzU0MX0.
bqFP4CuvvZtcc3Rt-Eu-zm3nO3AUdM5e3OKjVbU45qo"
}
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash


https://cloud.mongodb.com/v2/6824d04c55b4f40626121c0c#/metrics/replicaSet/6824d15702ff15057e0d94ac/explorer/test/users/find
Atlas
04 Gayatri B...
Access Manager
Billing
All Clusters
Get Help
04 Gayatri Babanrao
Project 0
Data Services
Charts
Overview
DATABASE
Clusters
SERVICES
Atlas Search
Stream Processing
Triggers
Migration
Data Federation
SECURITY
Quickstart
Backup
Database Access
Network Access
Advanced
Goto
DATABASES: 1 COLLECTIONS: 1
VISUALIZE YOUR DATA
REFRESH
+ Create Database
Search Namespaces
test
users
test.users
STORAGE SIZE: 36KB
LOGICAL DATA SIZE: 148B
TOTAL DOCUMENTS: 1
INDEXES TOTAL SIZE: 72KB
Find
Indexes
Schema Anti-Patterns
Aggregation
Search Indexes
INSERT DOCUMENT
Filter
Type a query: { field: 'value' }
Reset
Apply
Options
QUERY RESULTS: 1-1 OF 1
_id: ObjectId('6825e13863152cd40b39c576')
email : "dhobegb@rknec.edu"
password : "$2b$10$FJptnuVynCc7Y8fq7o1hY.hSpUQR0Z0b7DFM53sP4KWgupRest37O"
isVerified : true
__v : 0


Overview
No environment
http://localhost:5000/protected
Save
Share
GET
http://localhost:5000/protected
Send
Params
Authorization
Headers (7)
Body
Scripts
Settings
Cookies
Headers
6 hidden
Key
Value
Description
Bulk Edit
Presets
Authorization
Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY4Mjk1MmQ5N...
Key
Value
Description
Body
Cookies
Headers (8)
Test Results
401 Unauthorized
24 ms
330 B
JSON
Preview
Visualize
{
"error": "Token expired or user logged in elsewhere"
}


Home
Workspaces
API Network
Search Postman
Ctrl K
Invite
Upgrade
Overview
No environment
Collections
Environments
Flows
History
http://localhost:5000/request-reset-password
Save
Share
POST
http://localhost:5000/request-reset-password
Send
Params
Authorization
Headers (8)
Body
Scripts
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
Body
Cookies
Headers (8)
Test Results
200 OK
3.73 s
306 B
JSON
Preview
Visualize
{
"message": "Password reset email sent"
}


Home
Workspaces
API Network
Search Postman
Ctrl K
Invite
Upgrade
Overview
No environment
Collections
Environments
Flows
History
http://localhost:5000/reset-password/eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY4Mjk1MmQ5NjY5NjI5MjAwMTRmZmVhYSIsIm
Save
Share
POST
http://localhost:5000/reset-password/eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY4Mjk1MmQ5NjY5NjI5MjAwMTRmZmVhYSIsImlhdCI6MTc0NzkzMzA1MCwiZXhwIjoxNzQ3OTMzOTUwfQ.AeiB ...
Send
Params
Authorization
Headers (8)
Body
Scripts
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
Key
Value
Description
Body
Cookies
Headers (8)
Test Results
200 OK
355 ms
306 B
JSON
Preview
Visualize
1 {
2 "message": "Password reset successful"
3 }