**Basic Req and Res:**

import express from "express";

const app = express();

app.use(express.json());

app.post("/signup", (req, res) => {

  res.send("sign-up success");

});

app.post("/signin", (req, res) => {

  res.send(" sign-in success");

});

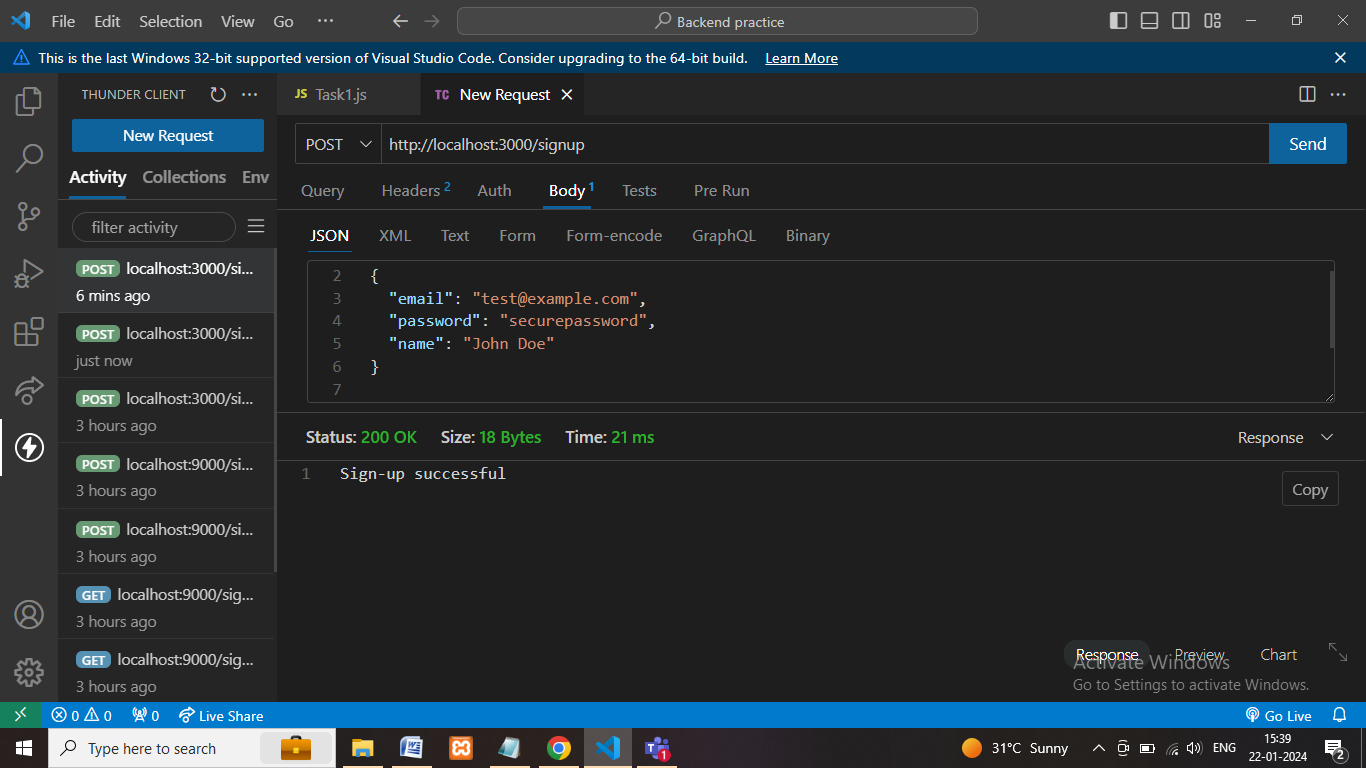
app.listen(3000, () => {

  console.log(`Server is running on port 3000`);

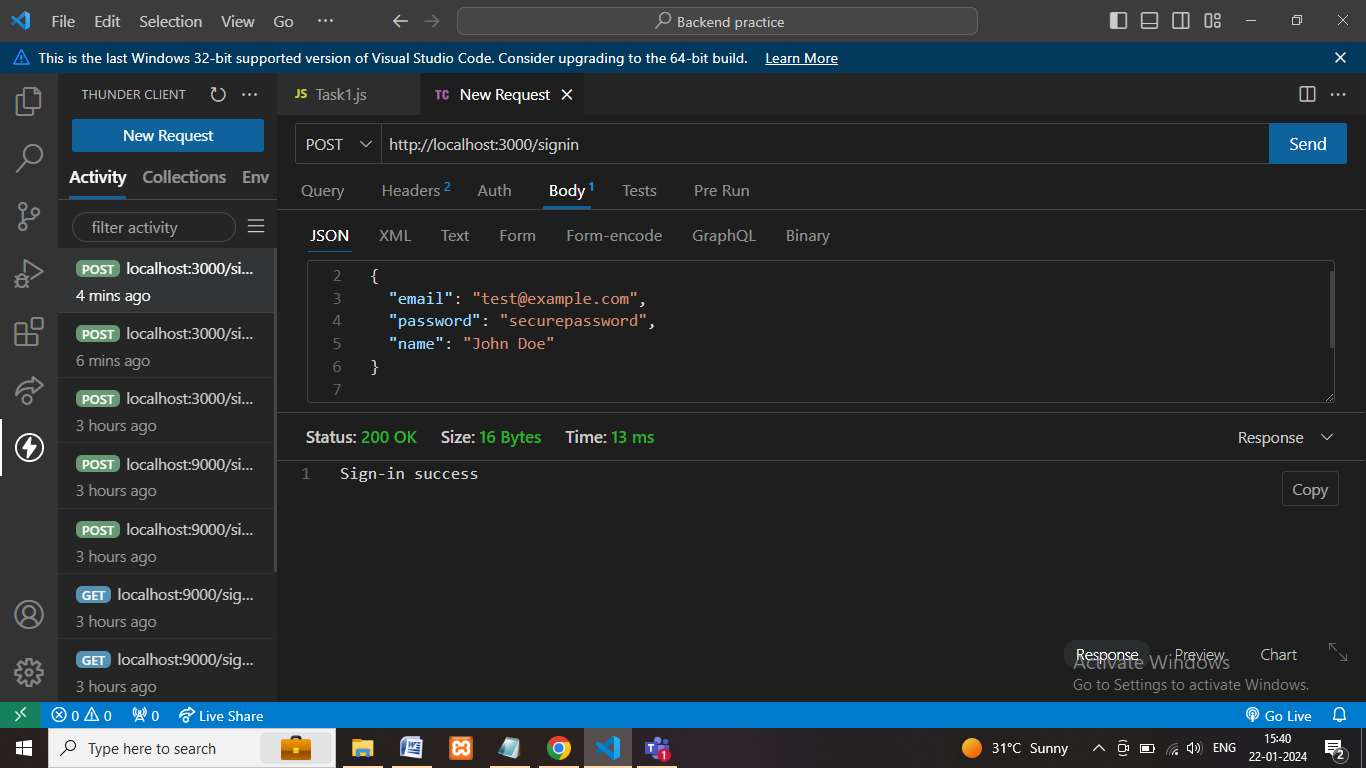
});

Output:

Sign up req:



Sign in req:



**Problem Solving:**

1. **Post request:**

import express from "express";

const app = express();

app.use(express.json());

const database = [

  { email: "nithish@gmail.com", password: "1234", name: "Nithish" },

  { email: "ram@gmail.com", password: "1234", name: "ram" },

  { email: "maha@gmail.com", password: "1234@34", name: "maha" }

];

app.post("/signup", (req, res) => {

  const { email, password, name } = req.body;

  const existingUser = database.filter((user) => user.email === email || user.name === name);

  if (existingUser.length > 0) {

    res.status(200).send({ message: "User already exists" });

  } else {

    const newUser = { email, password, name };

    database.push(newUser);

    res.send({ message: "Sign-up successful", user: newUser });

  }

});

app.post("/signin", (req, res) => {

  const { email, password } = req.body;

  const user = database.filter((user) => user.email === email && user.password === password);

  if (user.length > 0) {

    res.send({ message: "Sign-in successful", user });

  } else {

    res.status(200).json({ message: "Invalid details" });

  }

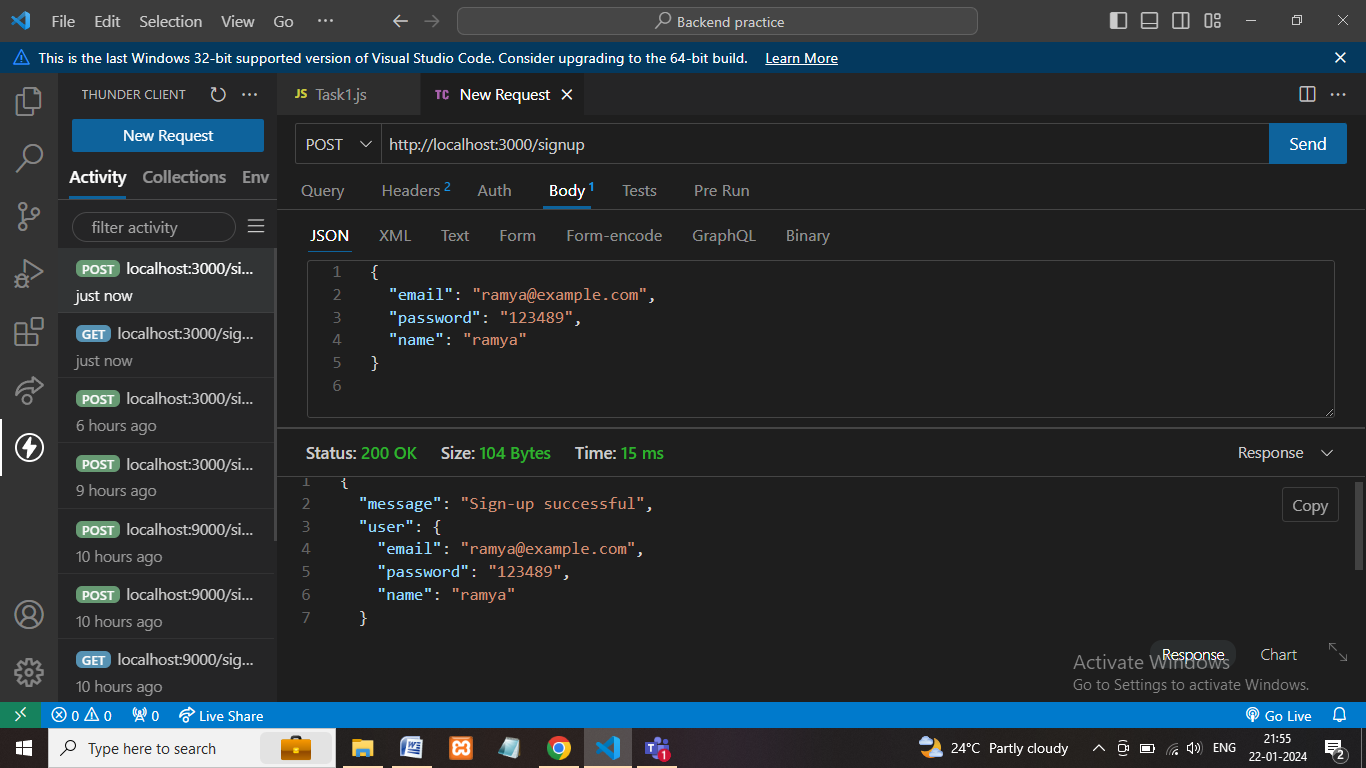
});

app.listen(3000, () => {

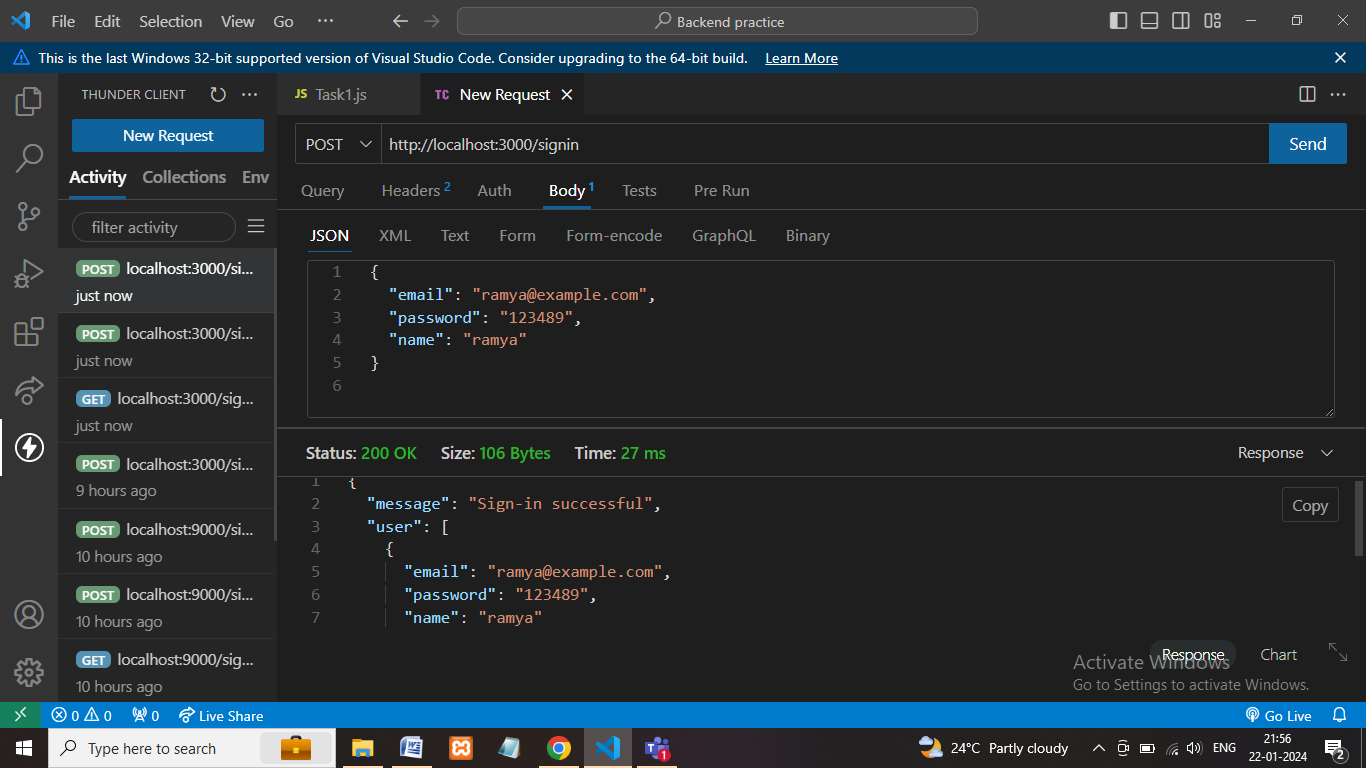
  console.log(`Server is running on port 3000`);

});

Output:



Sign in:



1. **Get Request:**

import express from "express";

const app = express();

app.use(express.json());

const users = [];

app.post('/signup', (req, res) => {

  const { username, email, password } = req.body;

   const existUser = users.filter((u) =>

   u.email === email ||u.username === username);

  if (existUser.length >0)

  {

    return res.status(200).send('Username and Email are already exit');

  }else{

  users.push({ username,email, password });

  res.send('User created successfully' );

  }

});

app.post('/signin', (req, res) => {

  const { email, password } = req.body;

  const user = users.filter

  ((u) => u.email === email && u.password === password);

  if (user.length>0)

  {

     res.status(200).send('Sign-in successful ');

  }else{

    res.json('Enter valid Email and Password' );

  }

});

app.get('/users', (req, res) => {

  res.send({ users });

});

app.listen(3000,()=>{

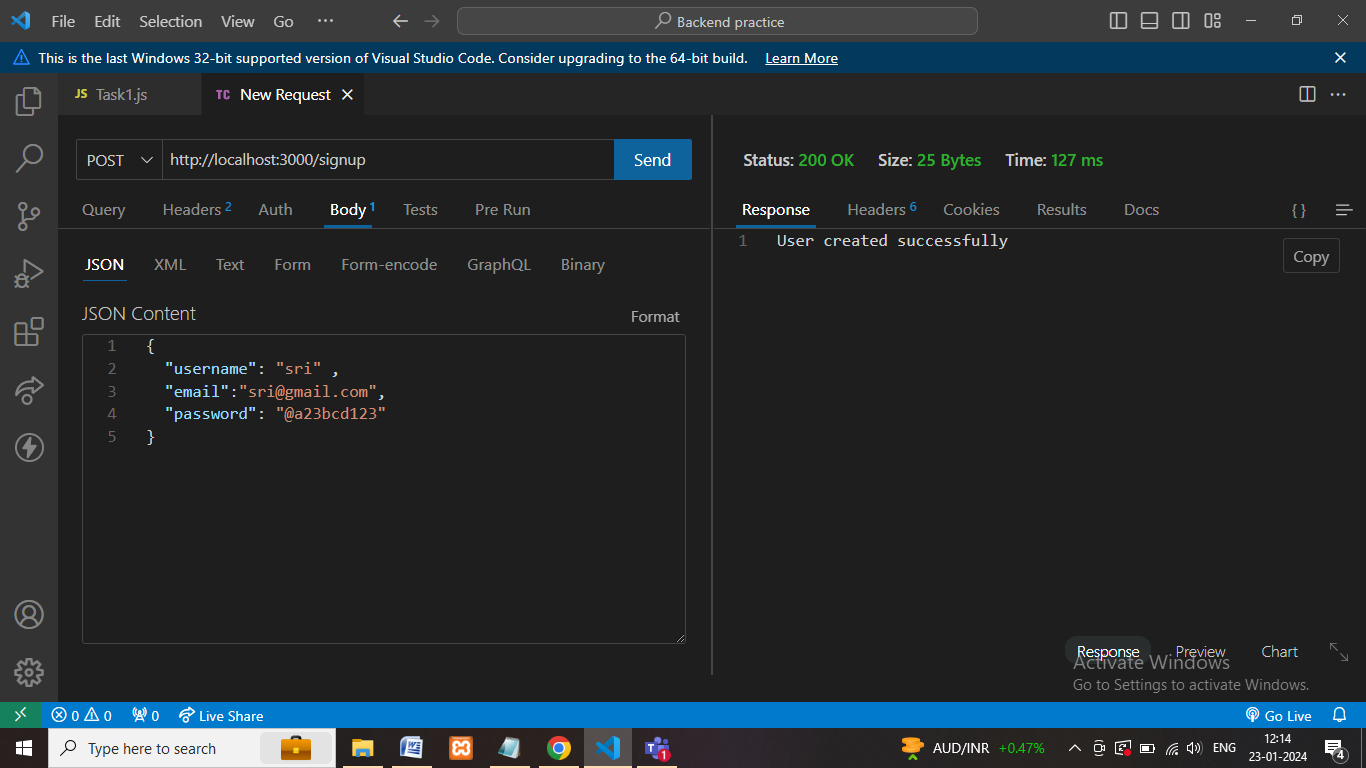
  console.log("Server is running on port 3000");

});

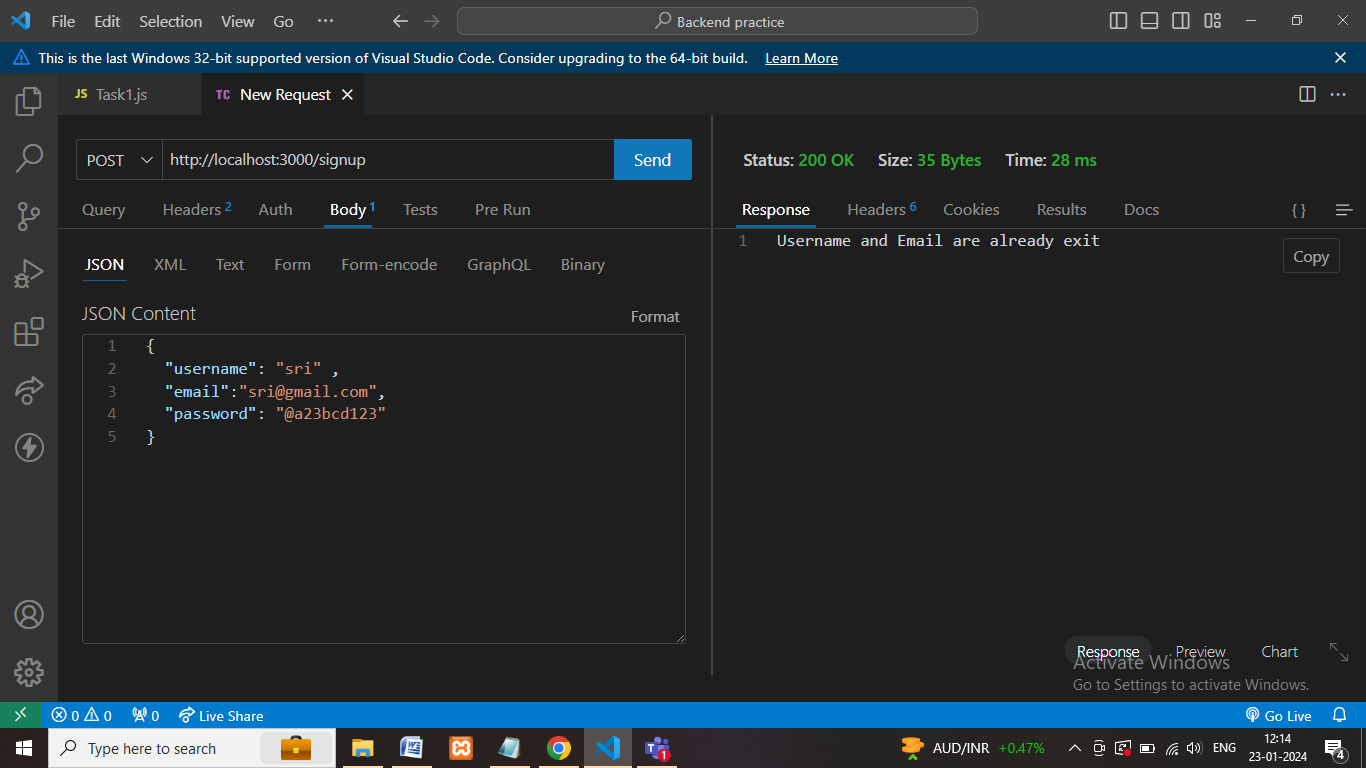
Output:

Post req:

Valid details means:

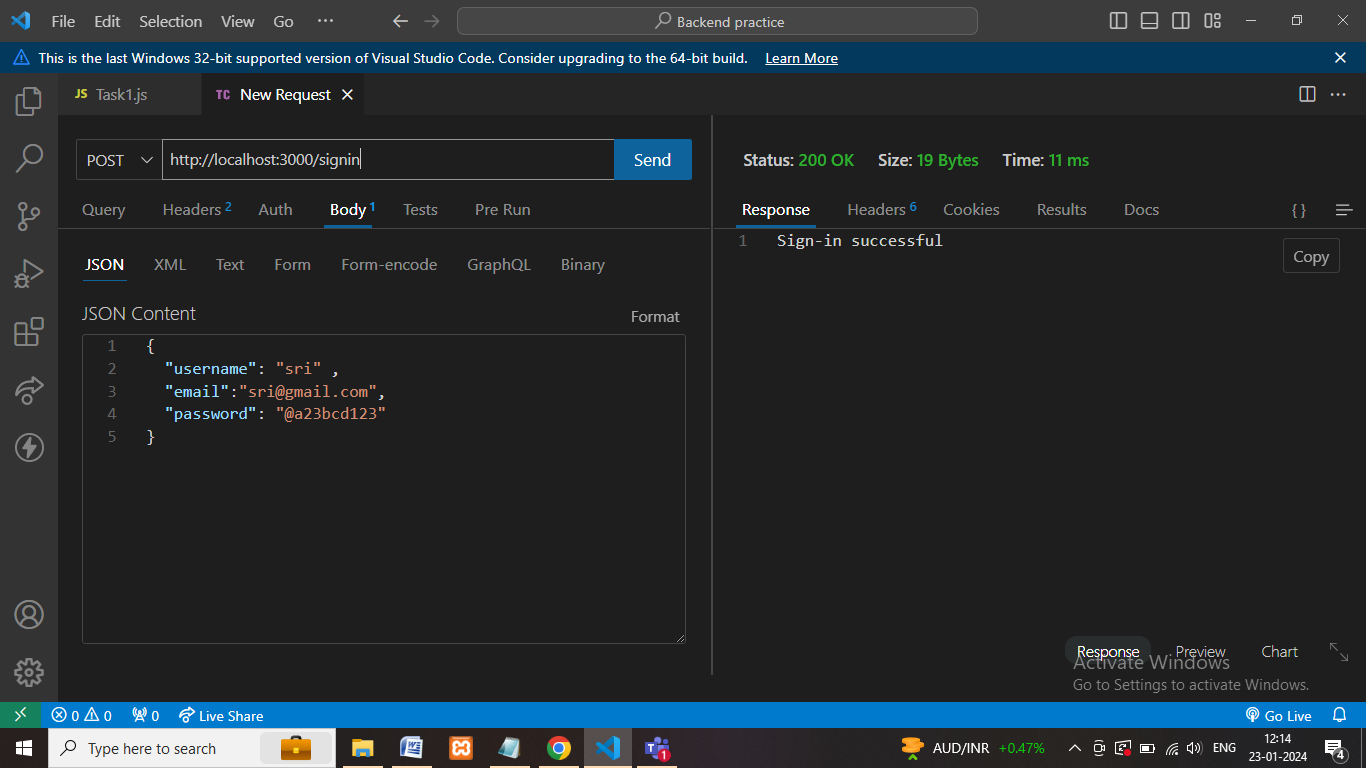


invalid Details means:

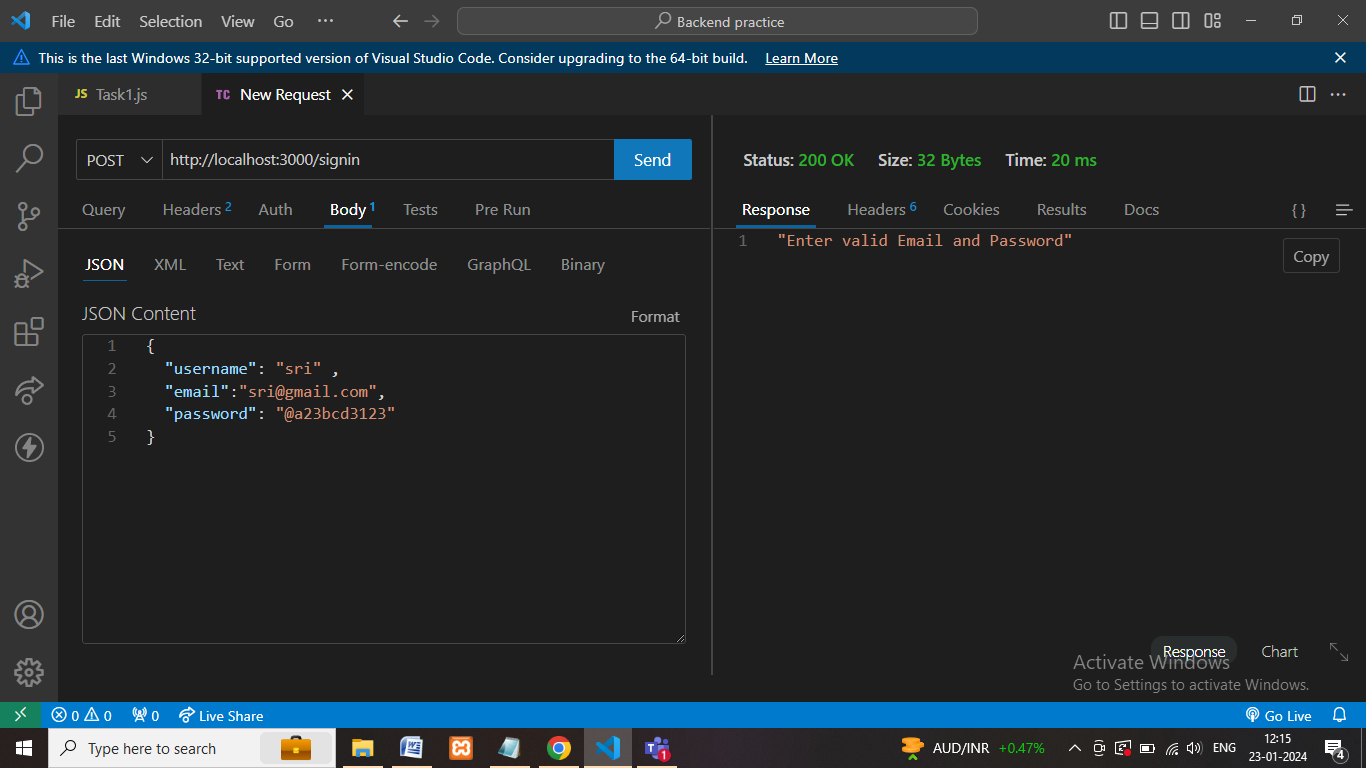


Signin req:

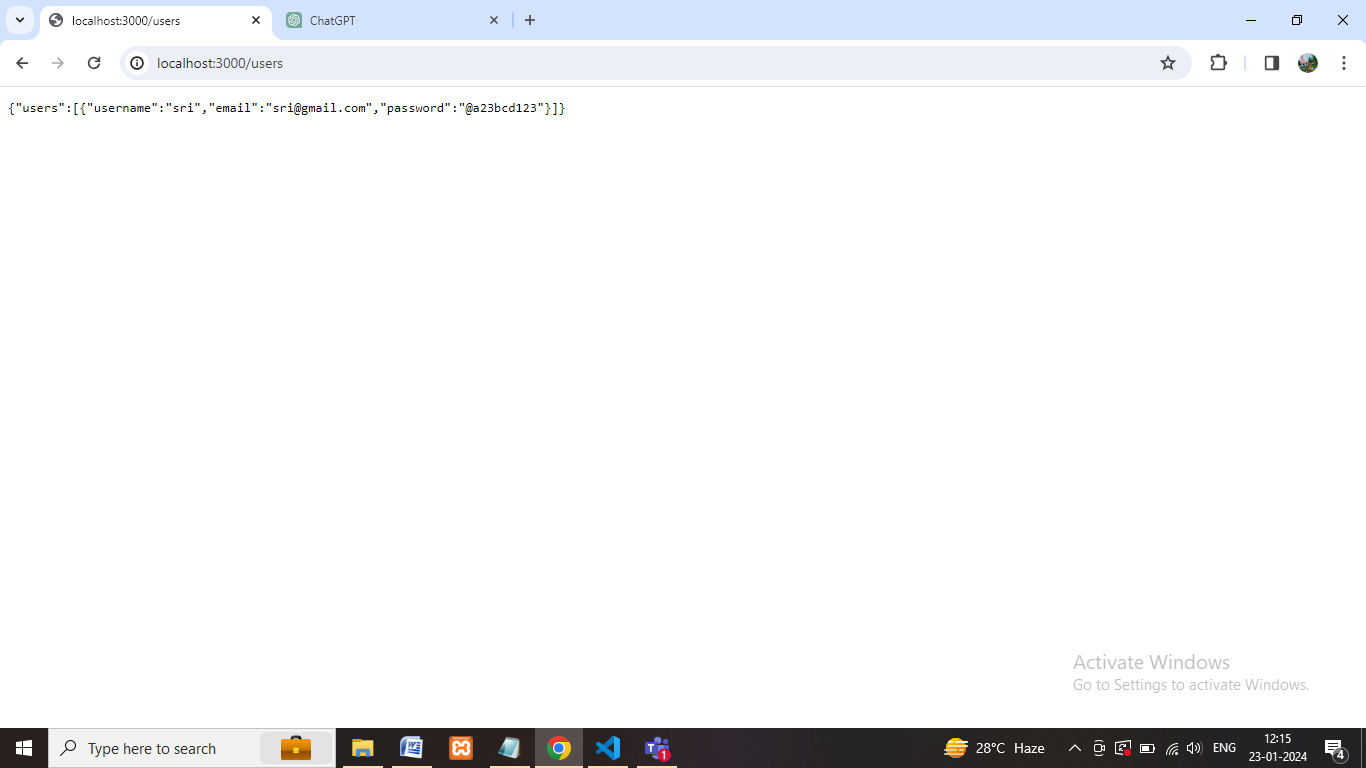
Valid details :



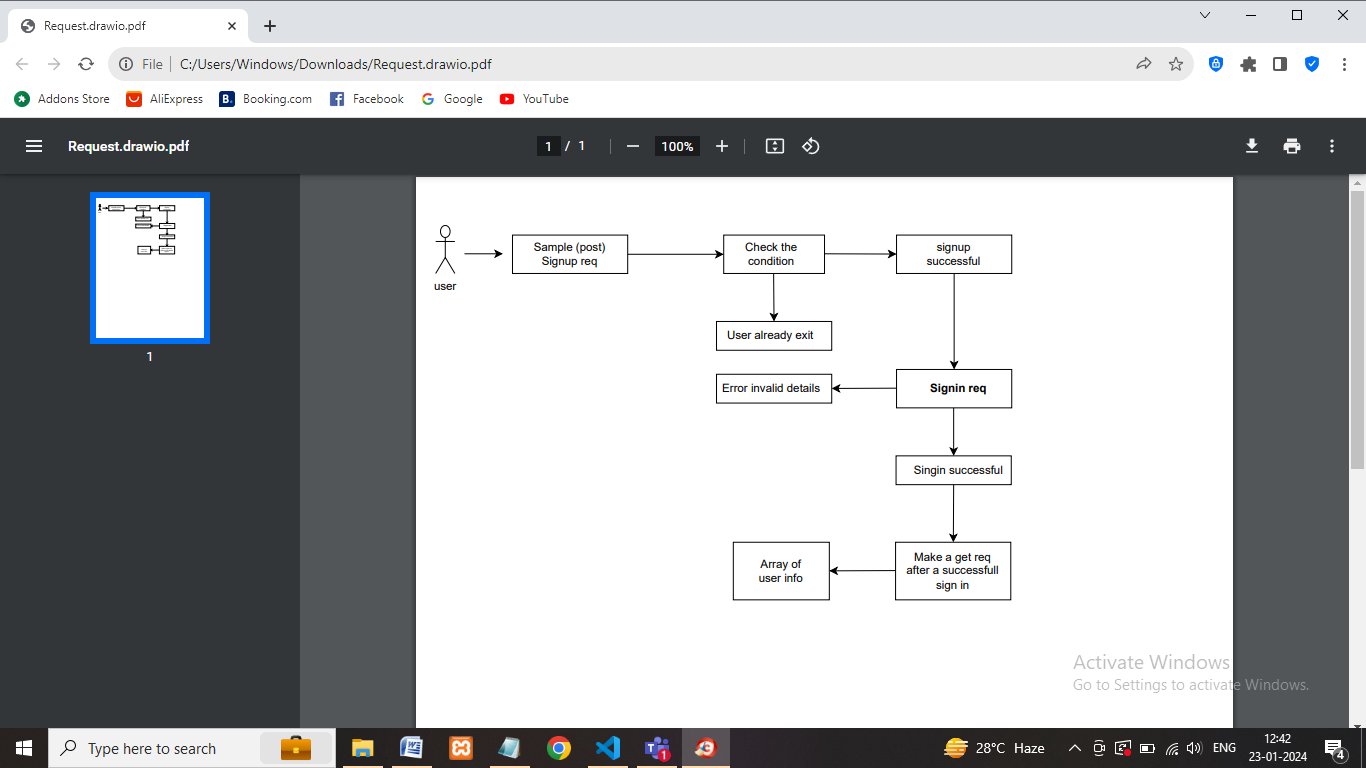
Invalid details:



Get Req:



**Architecture:**

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