ExpressJS is a NodeJS module or library used to create routes or build node for backend applications, it’s a web application framework, used to avoid lengthy code like nodejs

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Post API call

Heroku : platform to deploy APIs online

Express installation : npm install express

cd express\_basics > npm init – pkg.json is created

write start scripts

npm install express : this should get added to node modules & pkg.json

(so in order to add in pkg.json : npm install express --save) in pkg.json express dependency

<https://expressjs.com/en/starter/installing.html>

<https://expressjs.com/en/starter/generator.html> > hover on getting started > Express Generator

no need of view engine

cmd : npx express-generator –no-view

then npm install, npm start

3000 port no – bin > www

App.js : usersRouter

inside routes folder : character.js

Later after character Route : npm install --save-dev nodemon : dev dependencies in pkg.json to run project so nodejs server is not run everytime

Run npm start now

Postman :

GET – params

POST – Body > raw > JSON > pass the data

After creating file, change anything in POSTMAN data : reflects in file

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Area.js route > app.js : lines 12, 33, get req in postman

<http://localhost:3002/area/triangle?base=12&height=10>

how to get query params in express js : StackOverflow

GET : Query Params

POST : send data using JSON

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Google : Deployment of Express JS in Heroku : devcenter link : <https://devcenter.heroku.com/articles/deploying-nodejs>

Text

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Cmd prompt : node --version v14.17.2

Copy engines & paste in pkg.json & change the version to v14.17.2

"engines": {

"node": "14.x"

}

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Text

Description automatically generated

To install Heroku cmd : install Heroku cli (browse Heroku cli)

Cmds :

1. npx heroku
2. npx heroku –version
3. npx heroku local web

& now run <http://localhost:3002/area/triangle?base=12&height=10> in postman

<http://localhost:5000/area/triangle?base=12&height=10>

1. create .gitignore file : to create gitignore file : browse gitignore.io

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Create .gitignore file & paste : to ignore files : line 90 : node\_modules are ignored

1. cmd : git status