Computer Networks

restAPI

Computer Networks 2022, KECE449

Presenter : Changmin Park

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REST API

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RESTAPI

- REST
  - Representational State Transfer
  - Classify resource by name
  - Send and receive information about resource
  - Implementation based on HTTP standard
- Server-Client
  - Server has the resource
  - Client requests the resource
- RESTAPI
  - Implement service API based on REST

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RESTAPI

- RESTAPI
  - GET
  - POST
  - PUT
  - DELETE

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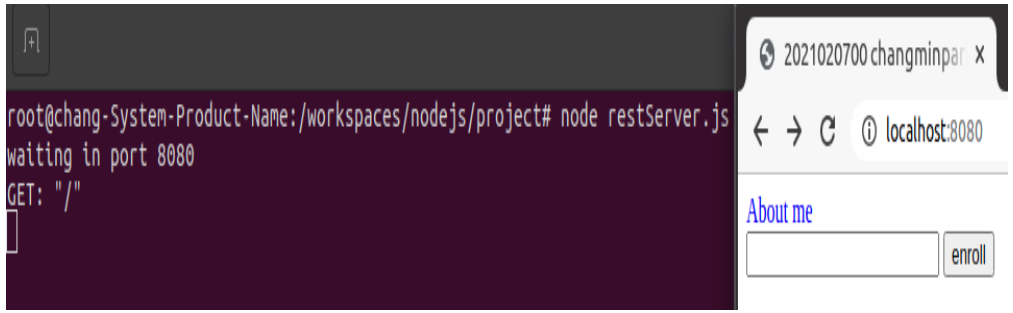
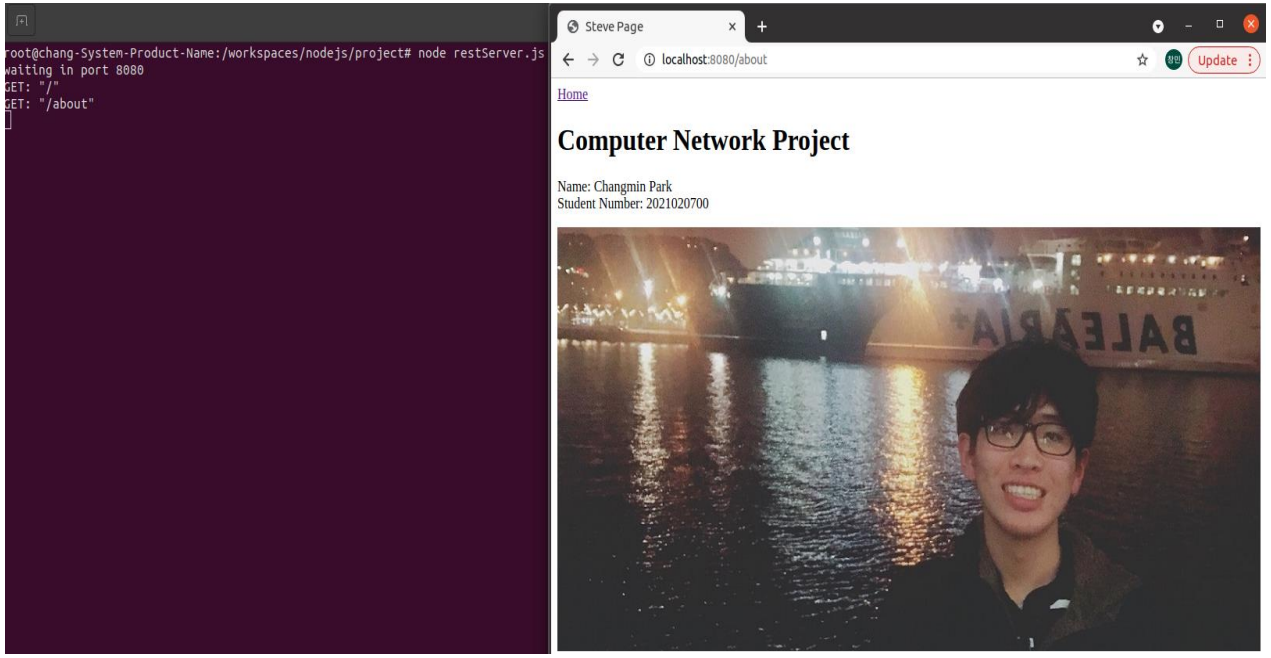
Python - Features

- RESTAPI
  - GET



GET HOMPAGE(localhost:8080/)



GET about(localhost:8080/about)

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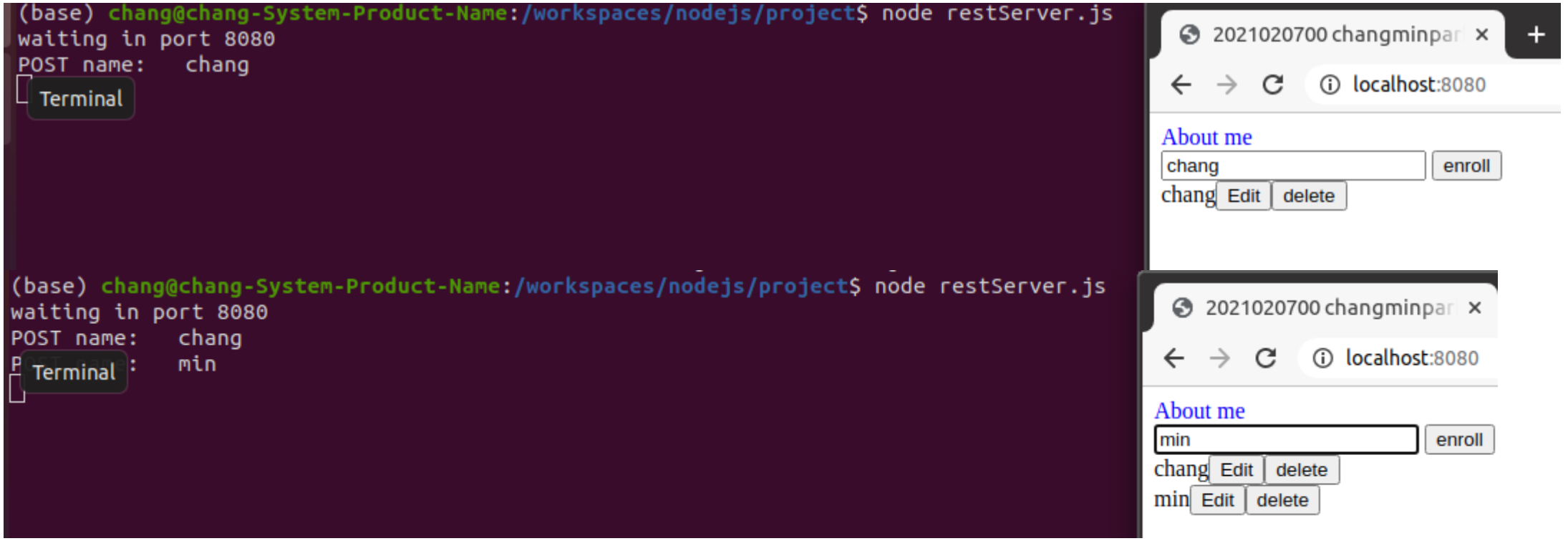
Python - Features

- RESTAPI
  - POST



POST chang and min

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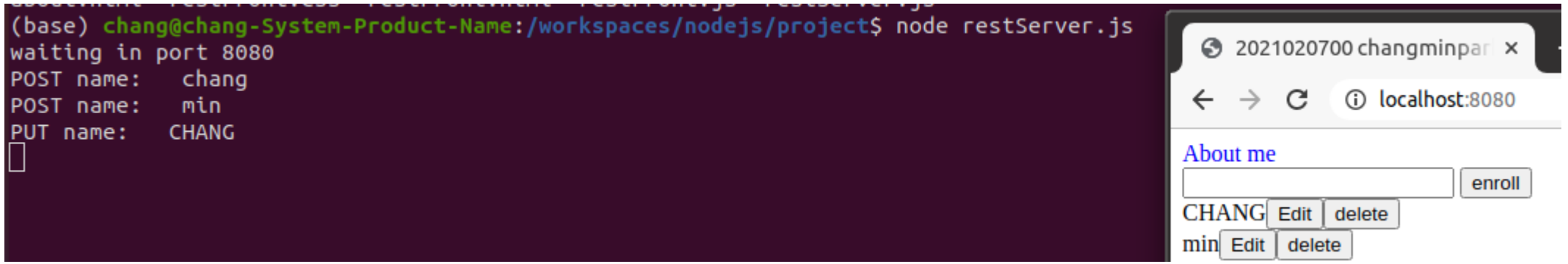
Python - Features

- RESTAPI
  - PUT



PUT(EDIT) chang to CHANG

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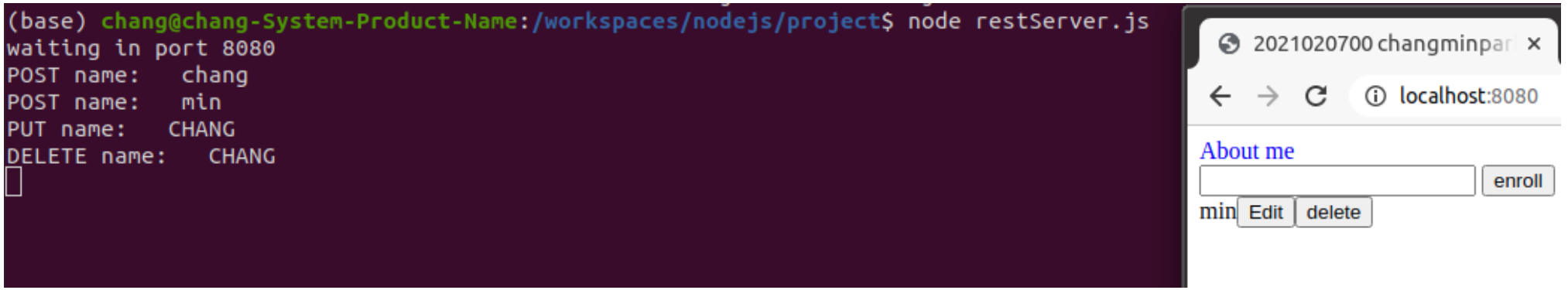
Python - Features

- RESTAPI
  - DELETE



DELETE CHANG

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HTML

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HTML

- HYPER TEXT
  - Access from one document to another using hyperlinks
- MARK UP
  - Language that specifies the structure of documents or data using tags
- HTML
  - Hyper Text Markup Language
  - Markup language for writing the structure or data of a web page

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HTML

- HTML Document
  - <head>
    - Not Printed directly
    - Contain important information
    - Title
    - Decoration of documents
  - <body>
    - Directly output
    - Include everything inside the web

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Project Preview

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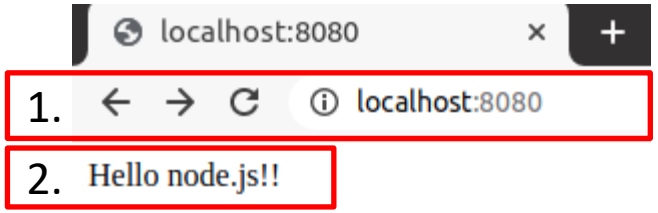
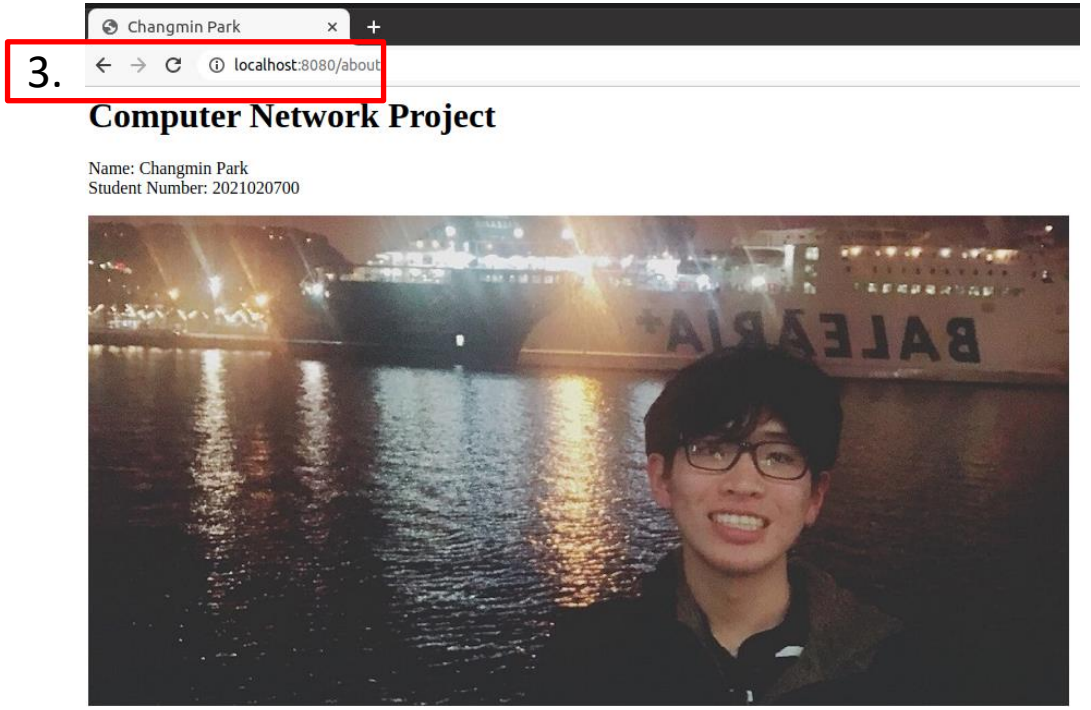
restServer_get.js

- GET
  - 1. localhost:8080
  - 2. print
  - 3. localhost:8080/about



GET HOMPAGE(localhost:8080/)



GET about(localhost:8080/about)

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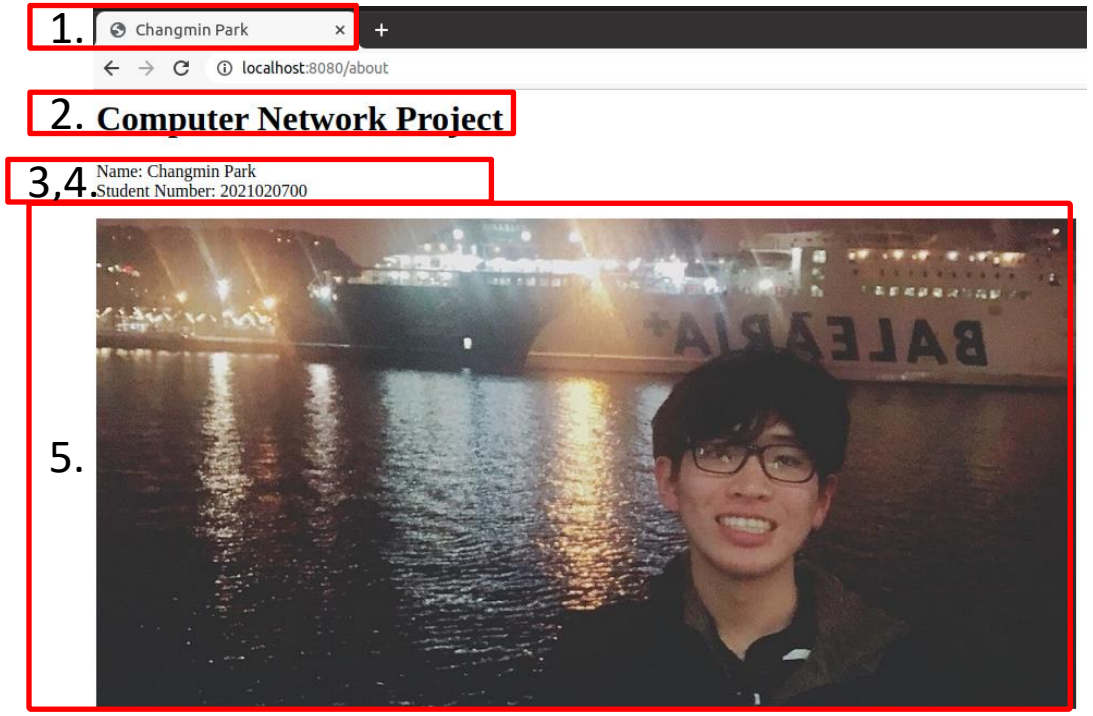
about.html

- HTML
  - 1. Title
  - 2. Size
  - 3. Newline
  - 4. Paragraph
  - 5. Image



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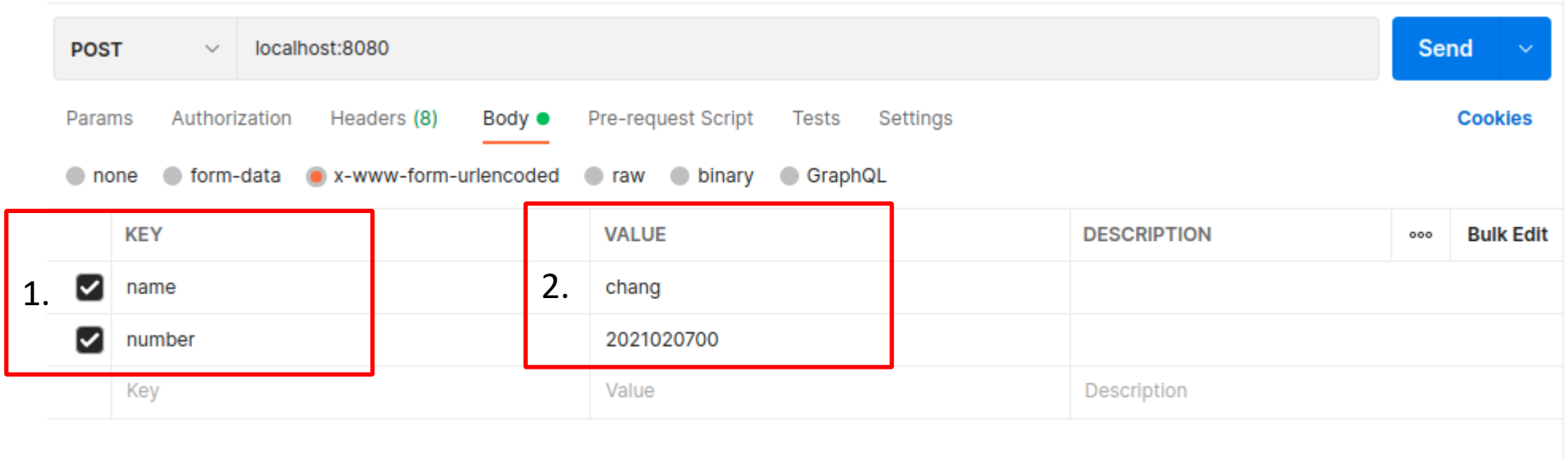
restServer_post.js

- POST
  - 1. KEY
  - 2. VALUE
  - 3. Terminal

3.
```
root@chang-System-Product-Name:/workspaces/nodejs/final# node restServer_post.js
waiting on 8080 port
Name :chang
Student Number :2021020700
```



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Bonus

- PUT and DELETE
  - FREE
    - AJAX
    - Method-override library
    - Express.js
    - Etc.
  - Comments

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