

INFORMATION ASSURANCE AND SECURITY 2

Input Validation and Encryption

Instruction: Create a POST API that validates and encrypts input data. The request body should include an email and a password.

Note:

1. The HTTP Method should be POST Method
2. The validator should have two fields (email and password)
3. The request body should have two fields (email and password)
4. Must return "EQUAL" if passwords match, or "NOT EQUAL" if they don't.

Use these steps as your reference:

HTTP METHOD WITH INPUT VALIDATOR AND ENCRYPTION:

```
1. import zod (import * as z from "zod")
2. import zValidator (import { zValidator } from "@hono/zod-validator")
3. import bcrypt (import bcrypt as bcrypt)
4. create validator
5. create HTTP Method
   - PARAMETERS:
     - endpoint
     - zValidator(request parameter, validator)
6. destructure the password from the request body
7. create method for hashing the destructured password
8. create method for comparing the destructured password with the hashed password
9. create a condition to check whether the compared password is Equal or Not Equal
```

How to submit the activity:

1. Extract your project (zip/rar)
2. Upload to your google drive
3. Copy the link of your uploaded file
4. Send me the link via personal message.