

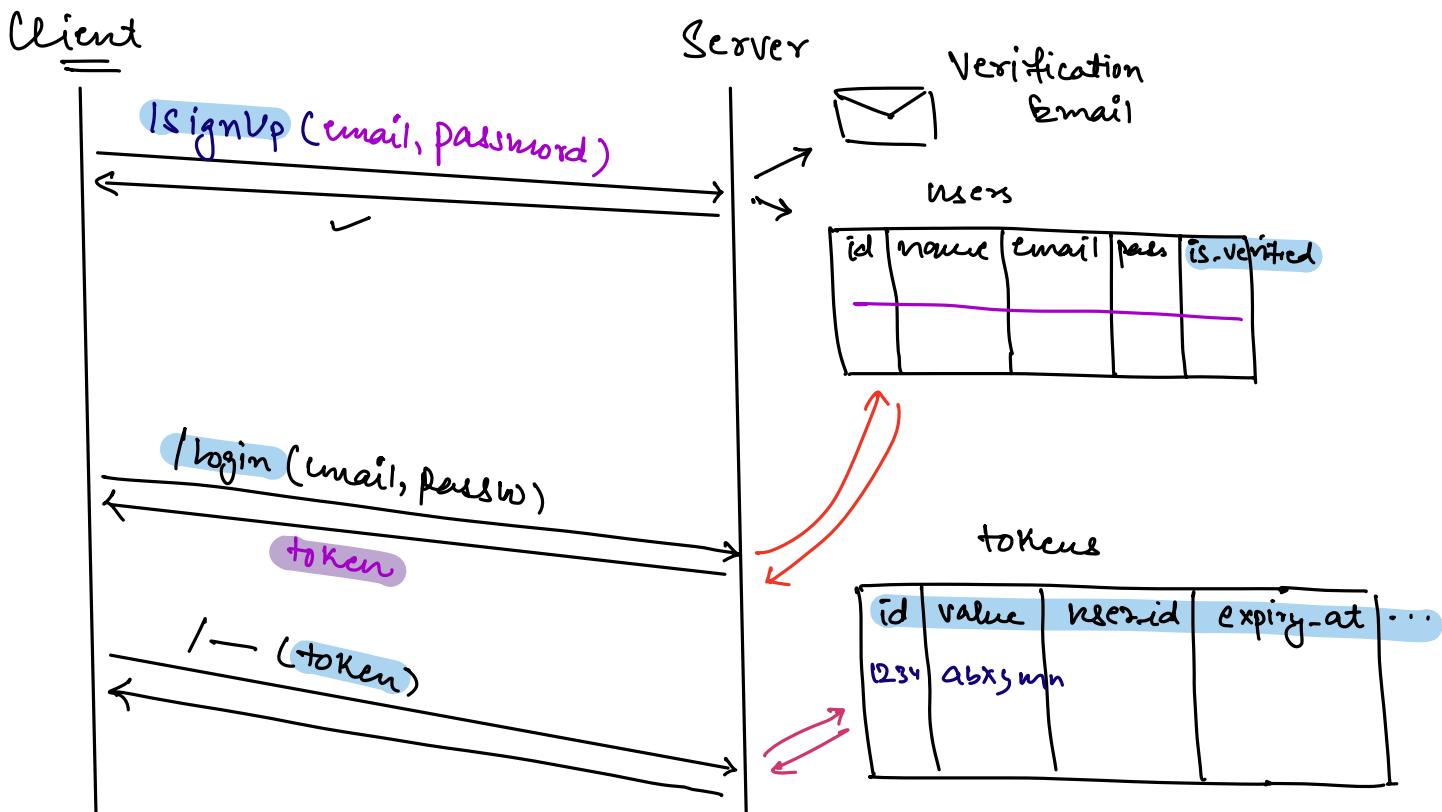
## Agenda.

→ Authentication flow.

→ JWT.

↳ JSON Web Token.

#



# Can we validate the token without making a n/w call to DB?

↳ Self Validating Tokens.

↳ JWT.

# We shouldn't store the password in the plain text format in the DB.

⇒ Hashed Password

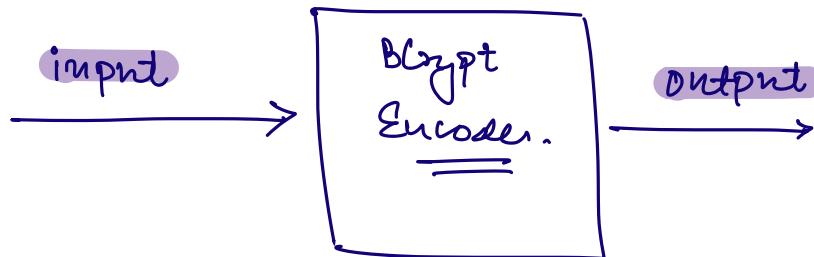
a → 10  
b → 24  
c → 31  
d → 9  
e → 1  
f → 2  
g → 3  
h → 4

abcd ⇒ 481295641482

email	password
amresha@gmail.com	481295641482
raju@gmail.com	_____
_____	_____
_____	_____
hacker@gmail.com	481295641482

hacker@gmail.com

~~BCrypt~~ BCrypt Password Encoder.



abcd → Random String

Blcrypt

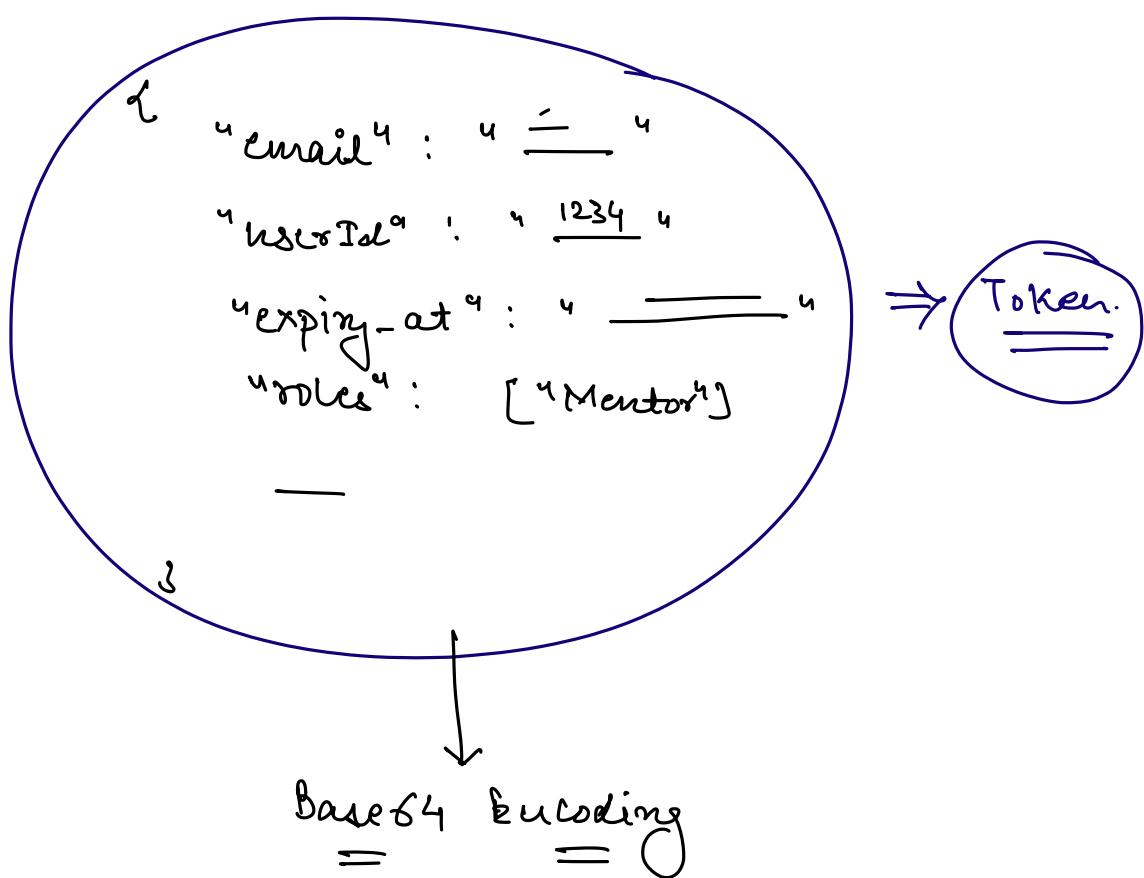
encode(Str) → Encoded String

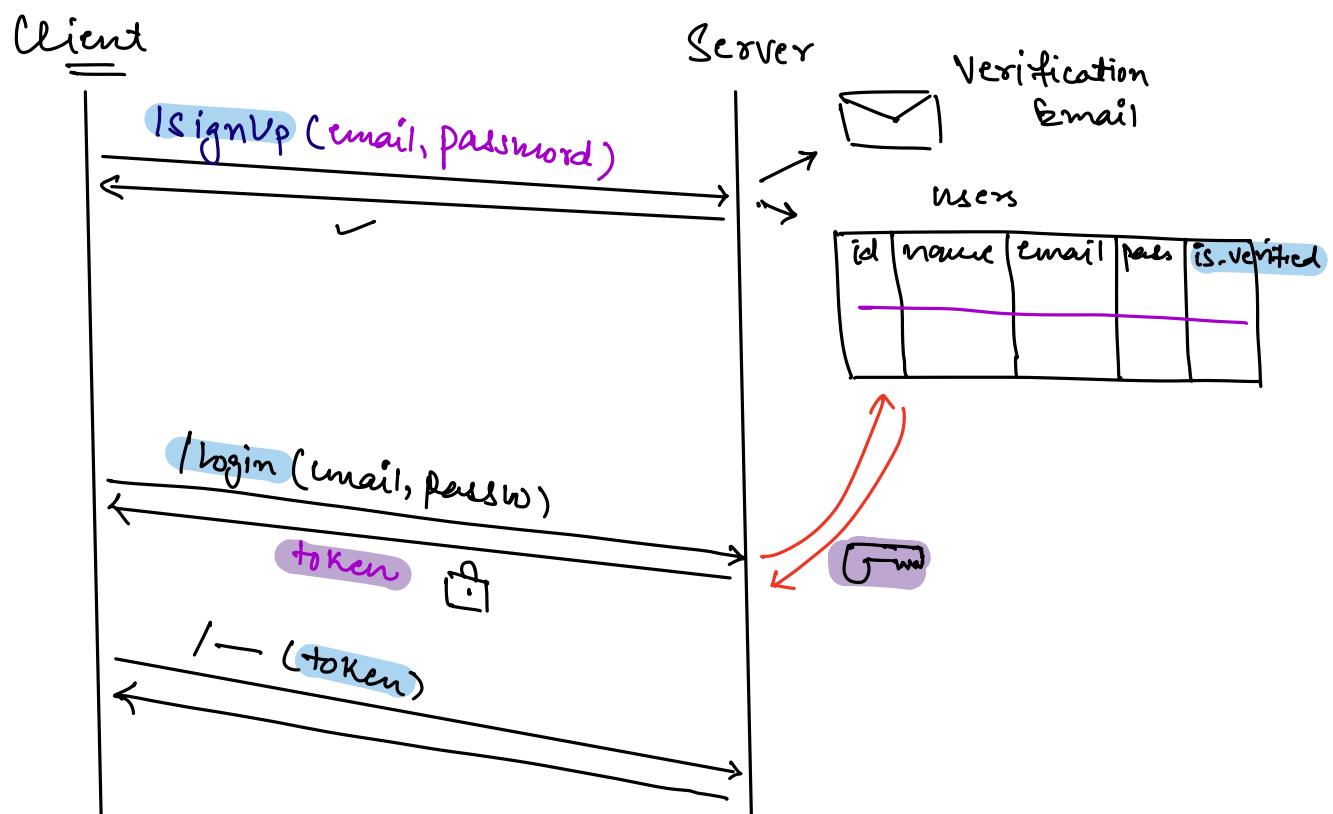
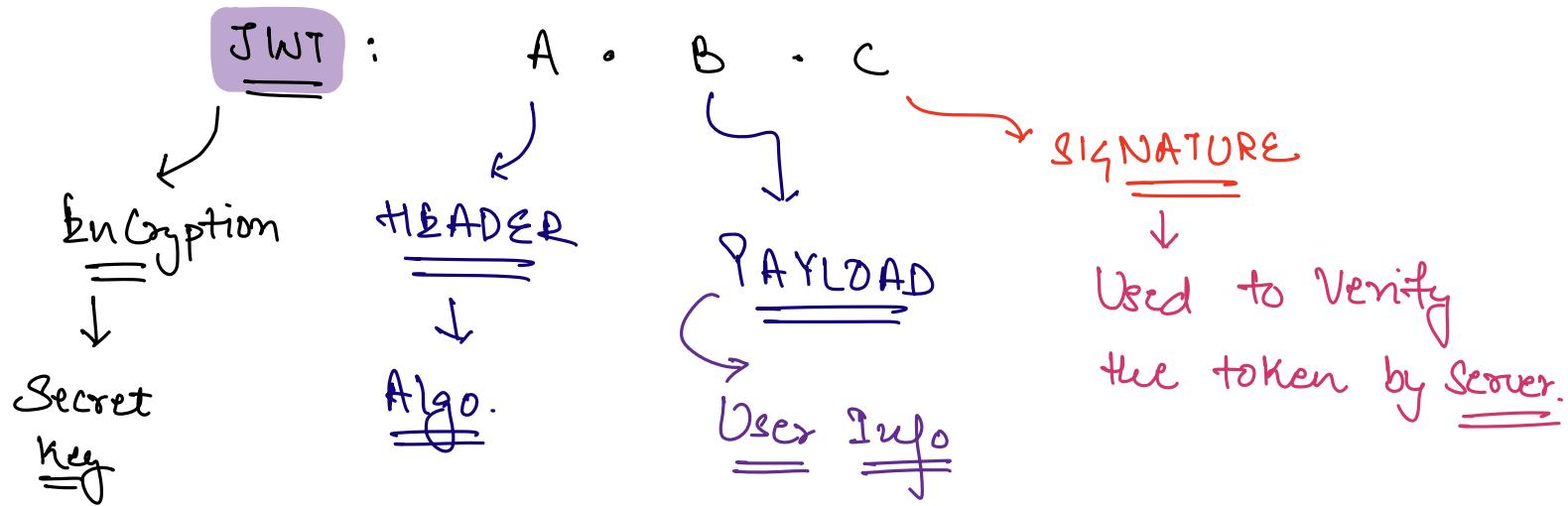
Verify (input string, encoded string)

Whether it is possible to generate this Encoded string from the input string or not

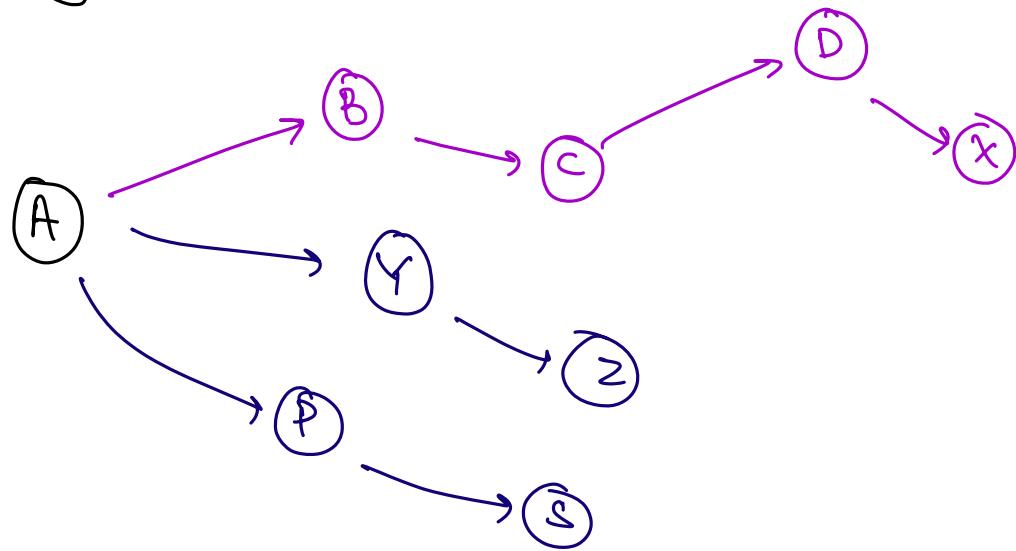
# JWT.

↳ Self Validating Token.





## # Dependency Injection



⇒ Dependencies needs to be resolved in the correct order.

Java + Spring Boot.

Python + fastAPI

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