Spring Professional Exam Tutorial v5.0

Question 20

Question 20 - If you saw an example using RestTemplate would you understand what it is doing?

RestTemplate API allows you to receive answer from Service being called by returning:

- Object that represents transferred data
- ResponseEntity
  - Status Code
  - HTTP Headers
  - Response Body
- HTTP Headers
- URI of created/posted object
- List of Allowed HttpMethods by using HTTP OPTIONS request

Question 20 - If you saw an example using RestTemplate would you understand what it is doing?

RestTemplate API can be categorized by HTTP request type, below is a list of commonly used operations:

- Generic (flexible)
  - exchange
    - executes HTTP request against given URI, sends request HttpEntity and returns the response as ResponseEntity
  - execute
    - executes HTTP request against given URI, prepares the request with the RequestCallback and reads response with ResponseExtractor

- HTTP GET
  - getForObject
  - getForEntity

- HTTP HEAD
  - headForHeaders

- HTTP POST
  - postForLocation
  - postForObject
  - postForEntity

- HTTP PUT
  - put

- HTTP PATCH
  - patchForObject

- HTTP DELETE
  - delete

- HTTP OPTIONS
  - optionsForAllow

https://docs.spring.io/spring-framework/docs/5.1.6.RELEASE/javadoc-api/org/springframework/web/client/RestOperations.html

https://docs.spring.io/spring-framework/docs/5.1.6.RELEASE/javadoc-api/org/springframework/web/client/RestTemplate.html