***Why we need logs and different log levels?***

* Logs are helpful to debug and troubleshoot the issue.
* Different levels for logging
  + Error < Warn < Info < Debug < Trace
* By default Springboot is having Info logging level enabled
* Different log levels for different packages and classes
* Create log file which contains all logs for Springboot application

***Logging with Springboot***

Note: it has to be in the controller class of the class you will provide

Logger logger = LoggerFactory.getLogger(“provideclass”.class);

Inside the getMethod (@GetMapping)

Logger.error(“put the message you want”)

Logger.warn(“put the message you want”)

Logger.info(“put the message you want”)

Logger.debug(“put the message you want”)

Logger.trace(“put the message you want”)

Note: go to application.properties

Logging.level.root= debug

***Changing log level with Springboot***

Logging.level. “package”= trace Note: trace is just a example

Logging.level. “Class”= trace

***Logging Request and Response Json***

A computer screen shot of a program

AI-generated content may be incorrect.

Make the InqueryRequest @ToString and the dependencies like StudentResponseList

***Different logging properties with springboot***

Logging.file.name=app.log

A screenshot of a computer

AI-generated content may be incorrect.