Java Theory

[**Priority Queue**](https://www.journaldev.com/1642/java-priority-queue-priorityqueue-example)**:**

Priority Queue: An unbounded priority queue based on a priority heap. The elements of the priority queue are ordered according to their natural ordering, or by a Comparator provided at queue construction time, depending on which constructor is used. A priority queue does not permit null elements. A priority queue relying on natural ordering also does not permit insertion of non-comparable objects (doing so may result in ClassCastException).

X-Frame-Options: DENY

preflight - OPTIONS call

HashMap, TreeMap, Hashset Implementations

Links to Refer (Programming Questions):

<https://www.geeksforgeeks.org/matrix-chain-multiplication-dp-8/>

Links to Refer (General)

<https://www.youtube.com/watch?v=deG25y_r6OY> (RabbitMq)

<https://www.differencebetween.com/difference-between-physical-and-vs-virtual-memory/>

<https://www.quora.com/What-is-the-difference-between-Program-Files-and-Program-Files-x86>

<https://scotthelme.co.uk/a-new-security-header-referrer-policy/>

<https://stackoverflow.com/questions/10636611/how-does-access-control-allow-origin-header-work>

<https://stackify.com/java-performance-tuning/>

<https://www.baeldung.com/>

<https://www.geeksforgeeks.org/object-level-class-level-lock-java/> (class lock is required when we required synchronized static block)

<https://www.geeksforgeeks.org/comparison-yield-join-sleep-java/>

<https://www.geeksforgeeks.org/differences-between-wait-and-join-methods-in-java/>

Design Links:

<https://www.vertabelo.com/blog/technical-articles/a-database-model-for-a-movie-theater-reservation-system>

<https://prismoskills.appspot.com/lessons/System_Design_and_Big_Data/Chapter_07_-_Designing_Google_Maps.jsp>

<http://massivetechinterview.blogspot.com/2015/07/design-chess-game-using-oo-principles.html>

Spring Projects:

<https://spring.io/guides/gs/testing-restdocs/>

<https://spring.io/guides/gs/gateway/>

<https://spring.io/guides/gs/rest-service-cors/>

<https://spring.io/guides/gs/caching/>

<https://spring.io/understanding/CORS>

<https://spring.io/guides/gs/securing-web/> - spring security securing web application

<https://spring.io/guides/gs/circuit-breaker/>

<https://docs.spring.io/spring/docs/current/spring-framework-reference/integration.html#cache>