PW SKILLS

Queue

Recap

- stack

Today’s checklist

- Introduction to queue
- Types of queue
- Queue class in JAVA
- Implementation of various functions of a queue
- Implement queue using stacks
- Implement stack using queues
- Introduction to deque
- Sliding window
- Problem based on the concept of sliding window

What is queue ?

Types of queue

- Simple queue
- Circular queue
- Deque
- Priority queue

Implementation of various functions of a queue

Implement queue using stacks

Implement stack using queue

What is deque?

Sliding window algorithm

Try this : sliding window maximum

Summary

- In this lecture we have discussed in detail on queues and two of its types and solved some very prominent problems based on the concept of queue.

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THANK YOU