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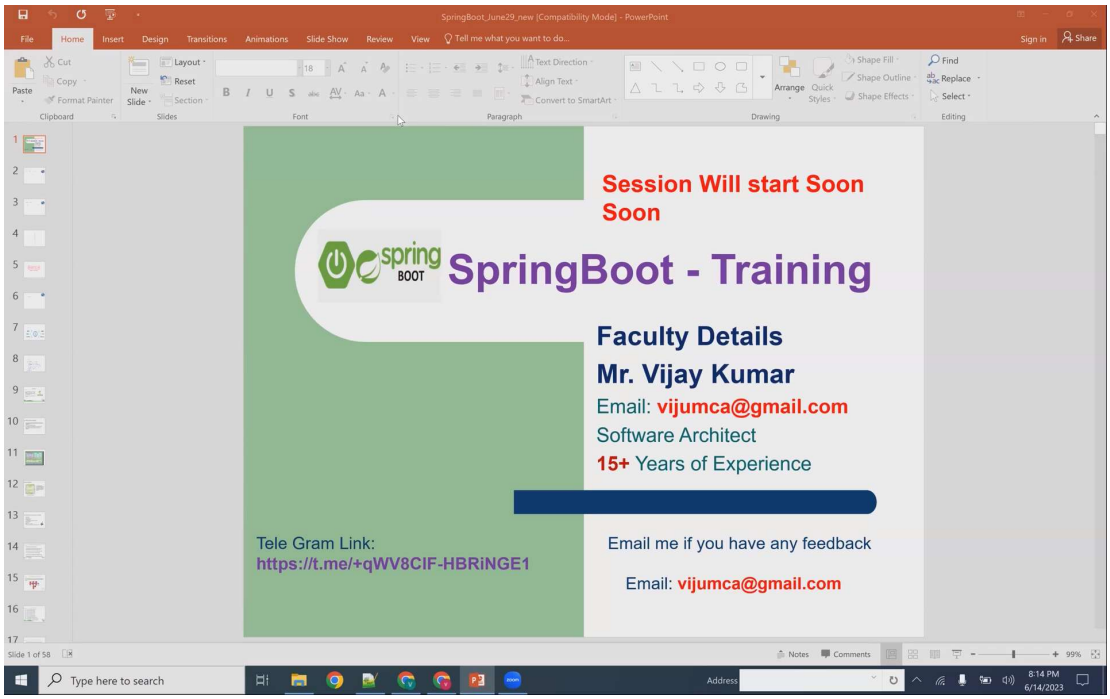
Friday, 20 June 2025 05:37

Demo Session - 01



realtime examples

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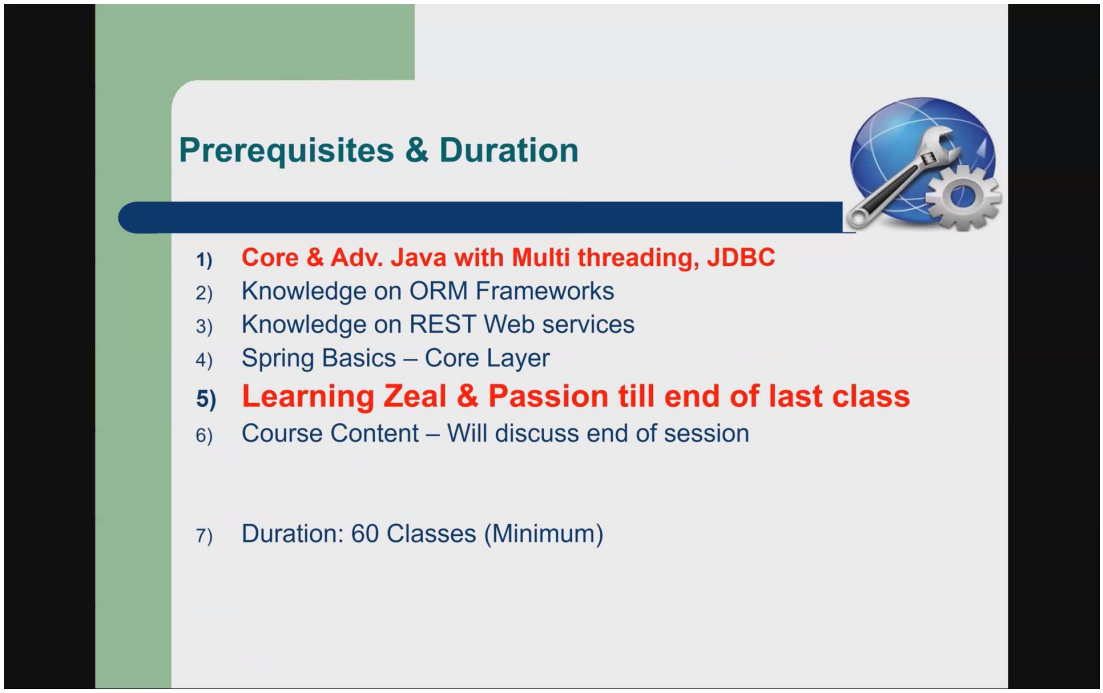
microservices arch	in stock market
Event driven architecture	in Ecommerce website


Prerequisites & Duration
1) Core & Adv. Java with Multi threading, JDBC
2) Knowledge on ORM Frameworks
3) Knowledge on REST Web services
4) Spring Basics – Core Layer
5) Learning Zeal & Passion till end of last class
6) Course Content – Will discuss end of session
7) Duration: 60 Classes (Minimum)

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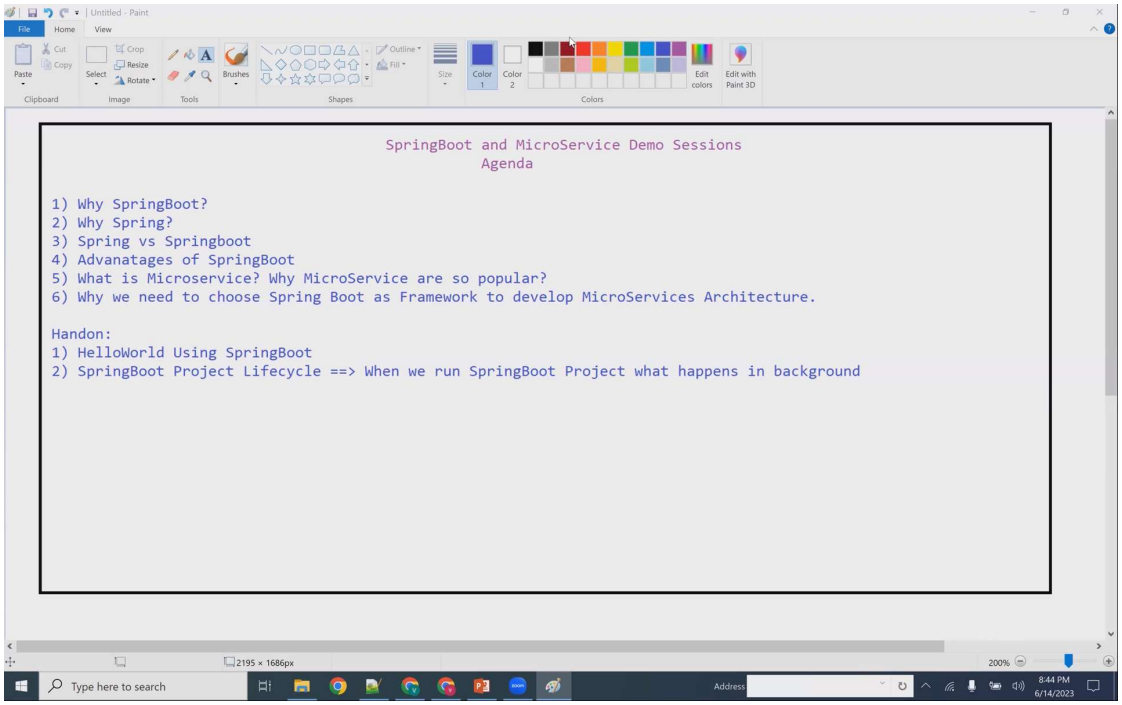
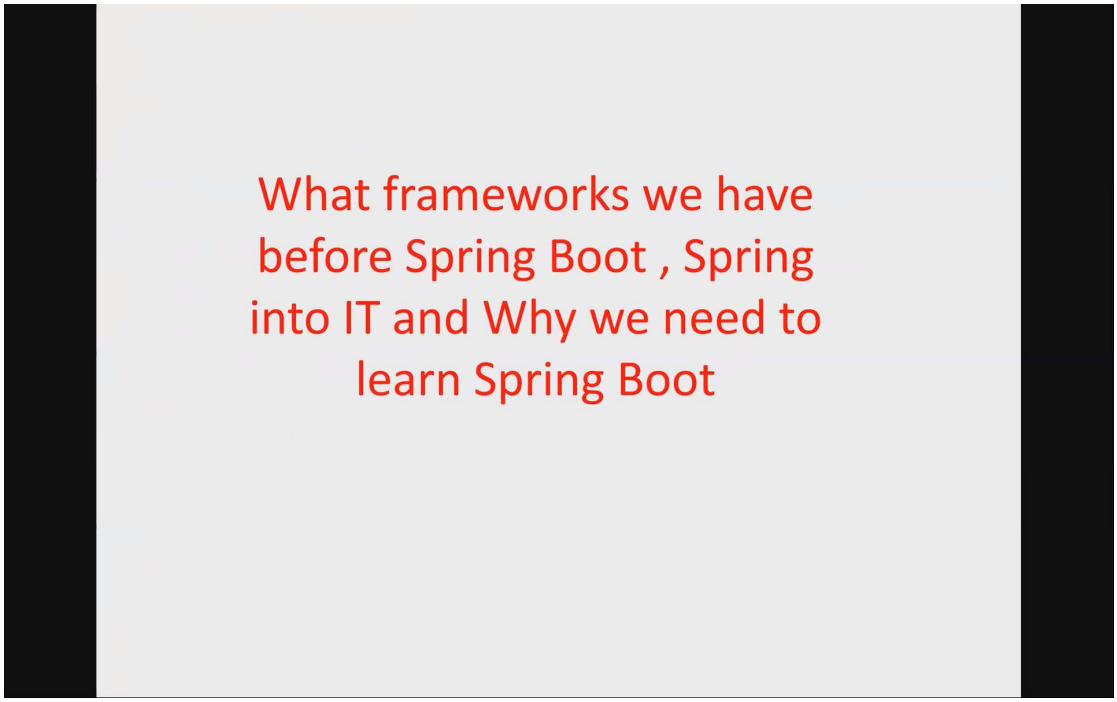
Agenda


SpringBoot and MicroService Demo Sessions
Agenda
1) Why SpringBoot?
2) Why Spring?
3) Spring vs Springboot
4) Advanatages of SpringBoot
5) What is Microservice? Why MicroService are so popular?
6) Why we need to choose Spring Boot as Framework to develop MicroServices Architecture.
Handon:
1) HelloWorld Using SpringBoot
2) SpringBoot Project Lifecycle ==> When we run SpringBoot Project what happens in background



going 2 decades back

1. EJB (Enterprise Java Bean) and RMI (Remote Method Invocation) Vs Spring limitations

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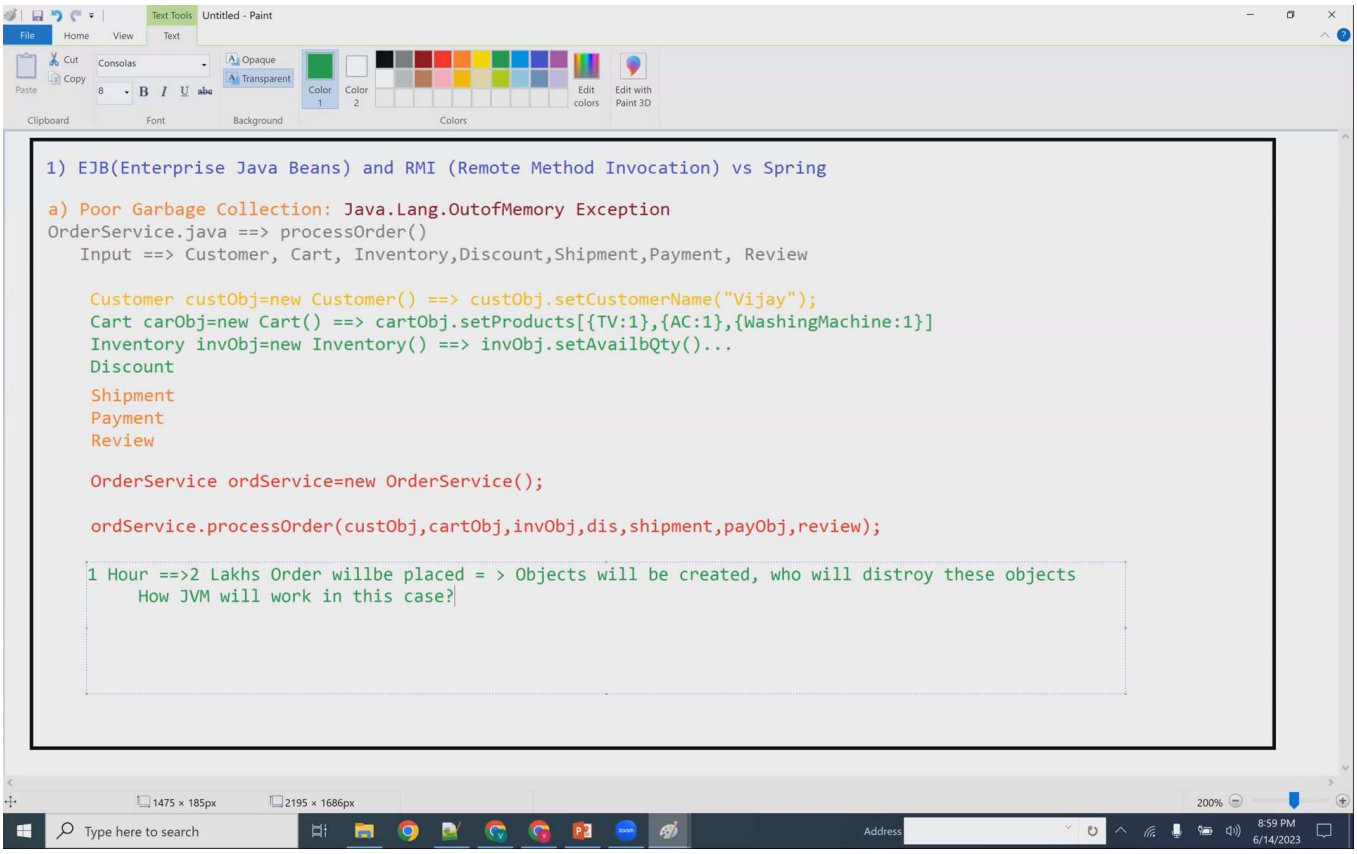
Poor Garbage Collection(apart from the Spring) :	Java.Lang.OutofMemory Exception.
	if Garbage Collection not working efficiently, then above problem will arise.



the above problem is solved in spring using IoC(Inversion of Control) and Dependency Injection

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Session Completed.