Live Session: Exception Handling(Total length: 2 hours)

Welcome to the live session on ‘Java-Fundamentals’. The live session length will be 2 hours.

In this session,

the SME will be covering some of the basic concepts of Java.

This session will be mixed of Java and hands-on coding session and will be covering the

following topics

in the agenda

● JDK, JRE, and JVM

● IDE setup with above embedded along with Git

Note for the SME:

● Code by sharing the screen and asking learners to code alongside. Throughout the

session please do constantly follow up with the learner’s progress and make sure

everyone is following.

● Before running the code on a sample test case, ask the learners about their outputs.

The code demos will be within IDE on a local machine.

● Please make sure to test run your codes/queries prior to the session to avoid any

hick-up during the session.

● For each coding question practice using multiple approaches to help student reach to

optimal solution through each approach.

Part 1:Error and Exceptions(1 hour )

* What are exceptions? Difference between error and exceptions with code demo
* Types of exceptions
* Exception handling: try, catch , throw , throws and finally keywords
* Blanket exceptions

Break: 5 minutes

Part 2: Customised exception(35 minutes)

* With running live code create 2 new exceptions
* Throw and handle newly created exceptions

Part 3: In session practice(20 minutes)

* Use 10 short sample codes for exception handling practice and concept clarity