



Innovative Teaching Practice: Seminars/Flipped Classroom

Faculty Name	Sk. Ahmed Mohiddin
Course Name	Java Programming
Academic Year	2022-23
Class	II/II SEM
Topic	Nested Try and Catch Blocks

Objective of the Activity:

A seminar is a group meeting (either face-to-face or online) where a number of students participate at least as actively as the teacher, although the teacher may be responsible for the design of the group experience, such as choosing topics and assigning tasks to individual students.

Involves students studying learning materials at home, while class time is used for interactive, problem-solving activities.

Pre-Class Preparation:

- The instructor prepares real-world scenarios requiring the use of Nested try and catch blocks are a powerful tool in Java for handling exceptions in a structured and readable manner. By understanding their purpose, execution flow, and common use cases, you can effectively prepare for your seminar and deliver valuable insights to your audience.
- Students review these concepts, focusing on their syntax, functionality and come prepared to design and implement solutions in practical coding tasks.

In-Class Activity:

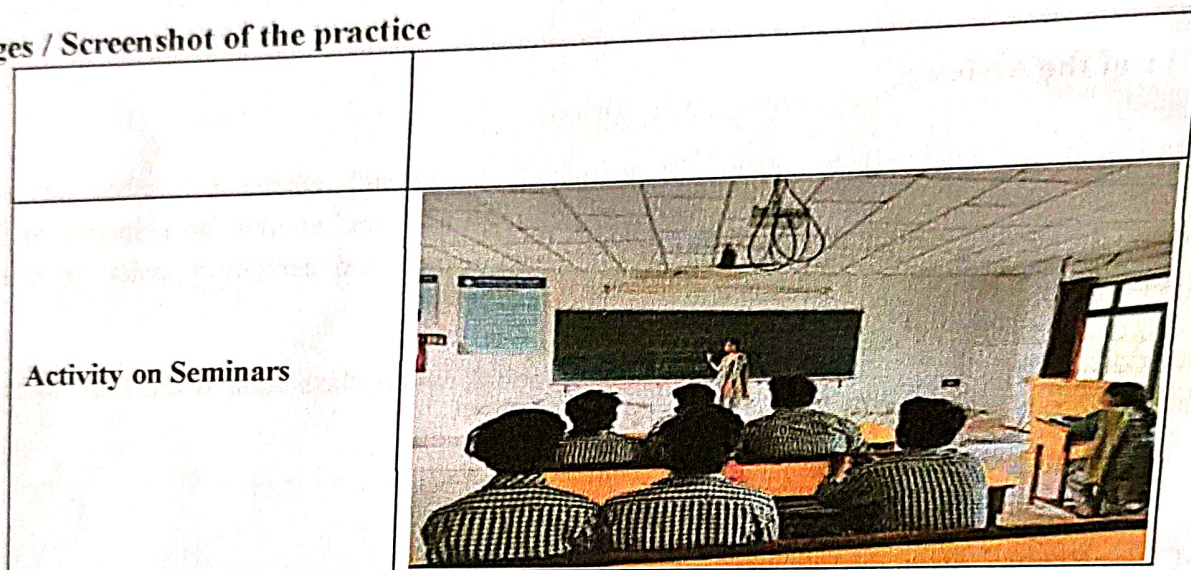
For seminar, conduct an engaging in-class activity that allows participants to understand and apply the concept of nested try and catch blocks in Java. Here's a well-structured, interactive activity that will reinforce learning and spark discussions. Start by briefly explaining the activity and the goal of understanding how nested try-catch blocks work. Mention that students will:

- Create their own nested try-catch blocks.
- Explore scenarios where nested try-catch blocks can be beneficial.
- Debug and modify code to see how exceptions propagate.

Time Allotted for Activity:


- Pre-class preparation: **1 hour**
- In-Class Activity: **30 Minutes**

Images / Screenshot of the practice



Benefits of practice:

- **Better Understanding:** Group work helps students understand Nested Try and Catch Blocks by sharing ideas and solving problems together.
- **Hands-On Learning:** Practical coding tasks make learning these concepts easy and practical.
- Improves understanding through active participation and discussion. Enhanced problem-solving and critical thinking skills


Signature of Faculty Member


HOD

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