



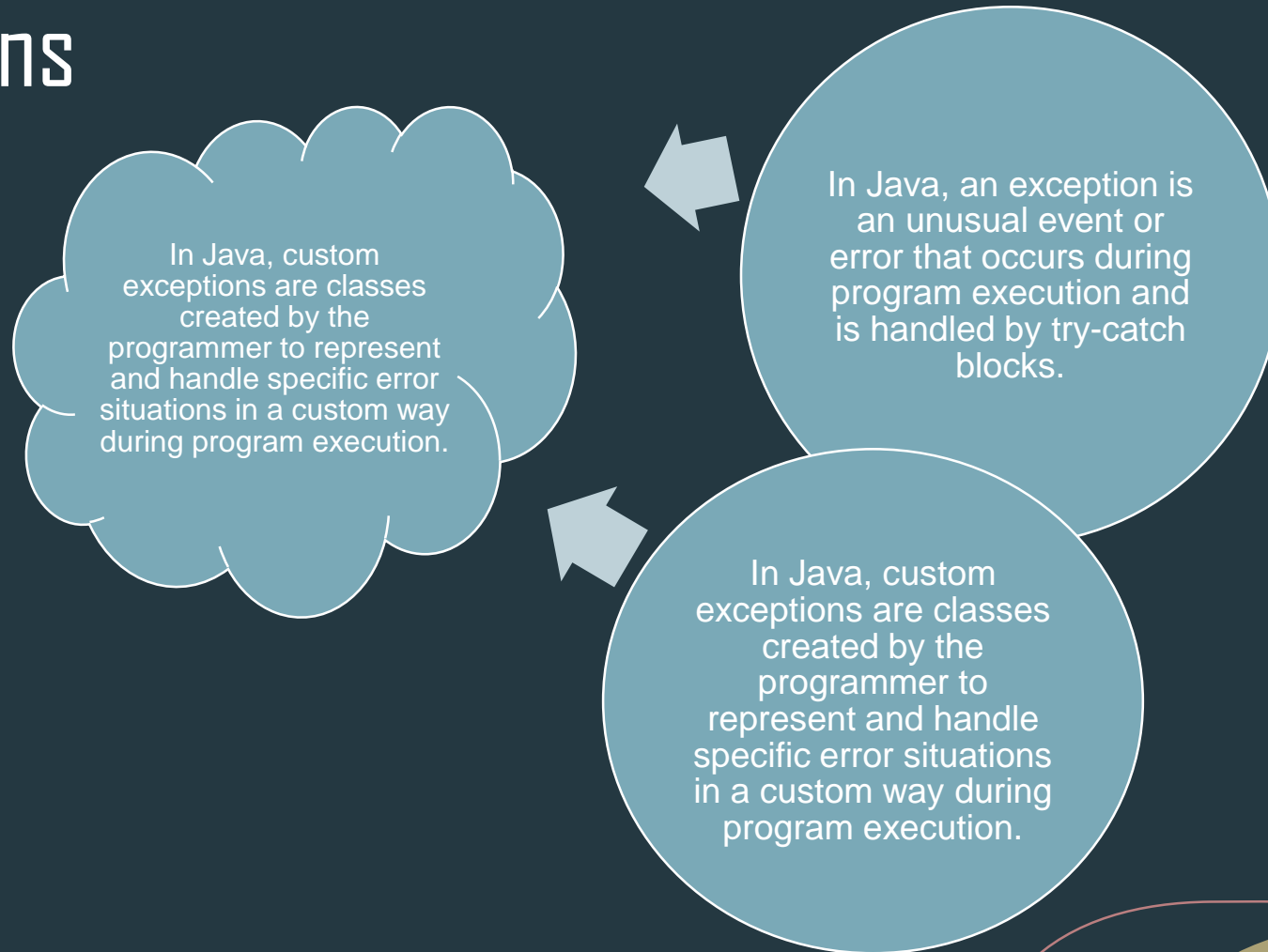
Custom Exceptions

Members:

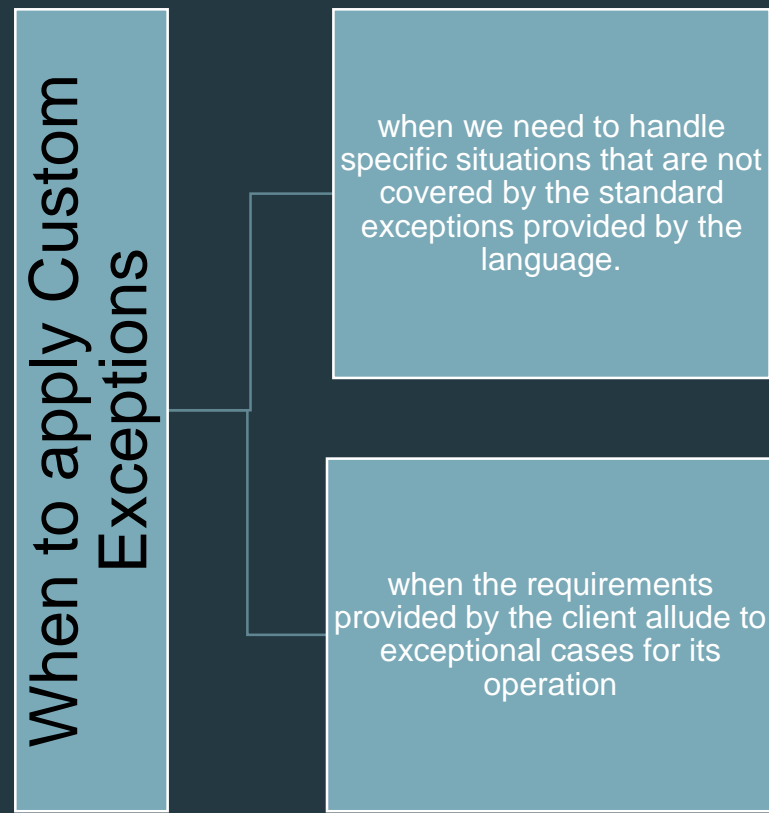
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Difference Between Common Exceptions and Custom Exceptions



Application of Exceptions



Why use custom exceptions?

- By creating our own exceptions, we can define the exact behavior that we want to occur when a particular error occurs. This helps improve code readability and maintainability as developers can quickly identify what type of error has occurred and how to handle it. In addition, custom exceptions also allow us to add additional information about the error, such as specific error messages or relevant data to make debugging easier.

Steps to implement Custom Exceptions in Java

- Create a new class that extends the Exception class.
- Add constructors to your exception class to allow different ways to initialize it.
- Use your custom exception in the code, coupling the implementation syntax to the main code.

Custom Exceptions Conclusion

- Custom exceptions are a valuable technique that allows us to handle exceptional situations in a more precise and controlled way.
- By creating our own exceptions, we can improve code clarity, provide detailed error information, encourage code reuse, and make debugging easier.