

Custom Exceptions

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



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We will learn about



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- **Custom Exception**



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- Usage of **throw** and **throws** keywords



Software Requirements



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- **Eclipse 4.3.1**



Prerequisite

- **Basic knowledge of Exception Handling**



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- Basic knowledge of **Exception Handling**
- **For relevant tutorials, please visit**
<http://www.spoken-tutorial.org>



Custom Exception



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- **Custom Exception** is a user defined exception class
- It is usually created as **checked exception**
- It is used to customize the exception according to user need



Summary

- What is a **Custom Exception**
- Usage of **throw** and **throws** keywords
- How to create and use **custom exception**



Assignment

- Create a custom exception class **InvalidAgeException**
- Create another class **Age** and create a constructor to initialize the value of age
- Create **validate()** method to throw the above exception if **age < 18**



Assignment

- Create objects inside **main method** and invoke the **validate()** method
- Provide exception handling using **try-catch blocks**
- Verify the **custom exception** class



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



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- More information on this Mission is available at <http://spoken-tutorial.org>



[/NMEICT-Intro](http://spoken-tutorial.org/NMEICT-Intro)



About the contributor

- This script has been contributed by:
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- Thanks for joining

