Non-static Block

Talk to a Teacher

http://spoken-tutorial.org

National Mission on Education through ICT

http://sakshat.ac.in

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Learning Objectives

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- **About non-static block**

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- **When is a non-static block executed?**

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- Simple example of non-static block

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- Simple example of non-static block
- Why we need constructors?

System Requirements

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- **Eclipse 3.7.0**

Prerequisites

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- **To create a constructor in Java using Eclipse**

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- **To create a constructor in Java using Eclipse**
- **Please refer to the spoken tutorial on these topics available at http://spoken-tutorial.org**

Non-static block

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- **Any code written between two curly brackets is a non-static block.**

Non-static block

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- **Syntax:**

Non-static block

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- **Syntax:**
- {
  //some code goes here
  }

When is a non-static block executed?

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- **A non-static block is executed for each object that is created.**

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- **A non-static block is executed for each object that is created.**
- **It executes before the constructor's execution.**

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- **It can initialize instance member variables of the class.**

When is a non-static block executed?

- **It can initialize instance member variables of the class.**
- **Any other execution like calculation could also be given in the block.**

Why do we need constructors?

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- **But the non-static block cannot be parameterized.**

Why do we need constructors?

- **We don't need the default constructor.**
- **But the non-static block cannot be parameterized.**
- **You cannot have objects taking values from out side.**

Why do we need constructors?

- **We don't need the default constructor.**
- **But the non-static block cannot be parameterized.**
- **You cannot have objects taking values from out side.**
- **So non-static block is not a substitute for constructor.**

Summary

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- **About non-static block.**

Assignment

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- **Create a class named B.**
- **Create a non-static block and a constructor as shown in the tutorial.**
- **Create an object of class B in the class NonStaticTest already created.**
- **Check the output.**

About the Spoken Tutorial Project

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