

Array Operations

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

TalentSprint

<http://www.talentsprint.com>

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Learning Objectives



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- **Import Arrays**



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- Import Arrays
- **Array operations**



Tools Used



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- **Ubuntu 11.10**



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- **JDK 1.6**



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- **Ubuntu 11.10**
- **JDK 1.6**
- **Eclipse 3.7.0**



Prerequisites



Prerequisites

- **Arrays**



Prerequisites

- **Arrays**
- **For relevant tutorial please visit our website**
<http://spoken-tutorial.org>



Array Operations



Array Operations

```
import java.util.Arrays;  
  
Arrays.toString
```



copyOfRange() method



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- This behaviour ensures that continuity of ranges is maintained.



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- (0,4) implies from index 0 to 3



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- (4,6) implies from index 4 to 5



copyOfRange() method

- This behaviour ensures that continuity of ranges is maintained.
- (0,4) implies from index 0 to 3
- (4,6) implies from index 4 to 5
- So it behaves as if $(0,4) + (4,6) = (0,5)$



Summary



Summary

- **Import Arrays**



Summary

- Import Arrays
- toString



Summary

- Import Arrays
- toString
- **sort, fill**



Summary

- Import Arrays
- toString
- sort, fill
- copyOf, copyOfRange



Assignment



Assignment

Read about the `Arrays.equals` method and find out what it does?



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
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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>



About the contributor

- This script has been contributed by **TalentSprint.**
- www.talentsprint.com
- Thanks for joining

