

Parameterized Constructor in Java

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

- **About a parameterized constructor.**



Learning Objectives

- About a parameterized constructor.
- To create a parameterized constructor.



Software Requirements



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- **Ubuntu 11.10 OS**



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- **JDK 1.6**



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- Ubuntu 11.10 OS
- JDK 1.6
- Eclipse 3.7.0



Prerequisite



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- **To create a default constructor in java using eclipse.**



Prerequisite

- To create a default constructor in java using eclipse.
- For relevant tutorial please visit our website

<http://www.spoken-tutorial.org>



What is a Parameterized Constructor?



What is a Parameterized Constructor?

- **A constructor that have parameter is called a parameterized constructor.**



What is a Parameterized Constructor?

- A constructor that have parameter is called a parameterized constructor.
- It can have one or more than one parameter.



Why Constructor?



Why Constructor?

- **Variables in a class must be initialized each time an instance is created.**



Why Constructor?

- Variables in a class must be initialized each time an instance is created.
- It can be tedious to initialize all the variables.



Why Constructor?

- Variables in a class must be initialized each time an instance is created.
- It can be tedious to initialize all the variables.
- **Java allows objects to initialize themselves when they are created.**



Why Constructor?

- Variables in a class must be initialized each time an instance is created.
- It can be tedious to initialize all the variables.
- Java allows objects to initialize themselves when they are created.
- This is performed through the use of a constructor.



Summary



Summary

- To create parameterized constructor.
- Functionality of parameterized constructor.
- The advantage of using constructor.



Assignment



Assignment

- Create a class Employee.



Assignment

- Create a class **Employee**.
- Create constructors with different number of parameters.



About the Spoken Tutorial Project

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

