Creating objects

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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- **Reference Variables**

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- **Constructing objects**

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- **Constructing objects**
- **Memory allocation for objects**

System Requirements

- **Ubuntu 11.10 OS**

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- JDK 1.6

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- **JDK 1.6**
- **Eclipse 3.7.0**

Prerequisites

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

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- **Please refer to the spoken tutorial on these topics available at http://spoken-tutorial.org**

Members of a class

- **Variables**

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- **Methods**

Definition of an object

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- **An object is an instance of a class.**

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Definition of an object

- An object is an instance of a class.
- Each object consist of state and behavior.
- Object stores its state in fields or variables.
- It exposes its behavior through methods.

Reference Variables

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- **Variables that refer to objects are reference variables.**

Summary

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- **Reference Variables**
- **Creating object using new operator**
- **Assigning references**

Assignment

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- Create a class named TestEmployee
- Create an object of the Employee class
- Reference variable as emp1

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- **It summarises the Spoken Tutorial project**

About the Spoken Tutorial Project

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- **If you do not have good bandwidth, you can download and watch it**

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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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