

# Ruby Methods

**Talk to a Teacher**

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

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

**Afrin Pinjari**

**IIT Bombay**

**3 December 2012**



# Learning Objectives



# Learning Objectives

- **What is Method?**



# Learning Objectives

- What is Method?
- Syntax for Method



# Learning Objectives

- What is Method?
- Syntax for Method
- **Some examples**



# System Requirement



# System Requirement

- **Ubuntu Linux version 12.04**



# System Requirement

- **Ubuntu Linux version 12.04**
- **Ruby 1.9.3**





# Pre-requisites



# Pre-requisites

- **Knowledge of Terminal and Text editor**



# Method



# Method

- **A Method is a self-contained program executing a specific task**



# Method

- A Method is a self-contained program executing a specific task
- Similar to functions in any other programming language



# Method



# Method

- **Method name should begin with a lowercase letter**



# Method

- Method name should begin with a lowercase letter
- **Methods should be defined before calling them**





# Syntax for Method



# Syntax for Method

- **def method\_name(arguments)**  
    **ruby code**  
**end**



# Syntax for Method

- **def method\_name(arguments)**  
    **ruby code**  
**end**



# Syntax for Method

- **def method\_name(arguments)**  
    **ruby code**  
**end**

**OR**



# Syntax for Method

- **def method\_name(arguments)**  
    **ruby code**  
**end**

**OR**

- **def method\_name()**  
    **ruby code**  
**end**



# Summary



# Summary

- About Methods
- Syntax
  - Method without arguments
  - Method with arguments
- Returning value from method



# Assignment





# Assignment

**Write a program**

- **to calculate area of square**
- **by using method and**
- **by getting the input from the user**



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](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](mailto:contact@spoken-tutorial.org)



# Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>

