

# Getting Started With Java First Program

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Talk to a Teacher



# Learning Objectives



# Learning Objectives

- **To create a simple java program.**



# Learning Objectives

- To create a simple java program.
- To compile the program.



# Learning Objectives

- To create a simple java program.
- To compile the program.
- To run the program.



# Learning Objectives

- To create a simple java program.
- To compile the program.
- To run the program.
- **About the naming conventions followed.**



# Software Requirements



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- **Ubuntu 11.10 OS**



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- **Ubuntu 11.10 OS**
- **JDK 1.6**



# Prerequisite



# Prerequisite

- **JDK 1.6 installed**



# Prerequisite

- **JDK 1.6 installed**
- **For relevant tutorial please visit our website**  
<http://www.spoken-tutorial.org>



# Naming Conventions in Java



# Naming Conventions in Java

- **The class name should be in CamelCase.**



# Naming Conventions in Java

- The class name should be in CamelCase.
- Which means each new word begins with an upper case.



# Naming Conventions in Java

- The class name should be in CamelCase.
- Which means each new word begins with an upper case.
- **Example: class HelloWorld, class ChessGame.**



# Naming Conventions in Java



# Naming Conventions in Java

- **The method name should be in mixed case.**



# Naming Conventions in Java

- The method name should be in mixed case.
- Which means that the first word should begin with a lower case.



# Naming Conventions in Java

- The method name should be in mixed case.
- Which means that the first word should begin with a lower case.
- **And all new words followed should begin with an upper case.**



# Naming Conventions in Java

- The method name should be in mixed case.
- Which means that the first word should begin with a lower case.
- And all new words followed should begin with an upper case.
- **Also the method name should be a verb.**



# Naming Conventions in Java



# Naming Conventions in Java

- **Example: showString(), main(), goToHelp().**



# Naming Conventions in Java

- Example: `showString()`, `main()`, `goToHelp()`.
- **The variable name should not begin with digits.**



# Naming Conventions in Java

- Example: `showString()`, `main()`, `goToHelp()`.
- The variable name should not begin with digits.
- **We cannot use keywords for our class, method or variable name.**



# Naming Conventions in Java

- **Example: showString(), main(), goToHelp().**
- **The variable name should not begin with digits.**
- **We cannot use keywords for our class, method or variable name.**
- **Example: Cannot use keywords like public, private, void, static and many more.**



# Summary



# Summary

- **We have learnt to write, compile and run a simple java program.**
- **We also saw the naming conventions followed in java.**



# Assignment



# Assignment

- Write a simple java program to print



# Assignment

- Write a simple java program to print



# Assignment

- Write a simple java program to print "Java file name and class name should be same".



# 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

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- 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

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- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>



# About the contributor

- Thank you

