

Taking user input using BufferedReader

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

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17 August 2012



Learning Objectives



Learning Objectives

- ▶ To take user input in Java



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- ▶ To take user input in Java
- ▶ **InputStreamReader**



Learning Objectives

- ▶ To take user input in Java
- ▶ InputStreamReader
- ▶ **BufferedReader**



System 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



What is BufferedReader



What is BufferedReader

- ▶ Class in Java which is used to read text from an input stream.



What is BufferedReader

- ▶ Class in Java which is used to read text from an input stream.
- ▶ Provides efficient way to read characters, array of characters and lines.



How to make use of BufferedReader



How to make use of BufferedReader

- ▶ Import 3 classes from the java.io package



How to make use of BufferedReader

- ▶ Import 3 classes from the java.io package
 - ▶ **IOException**



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- ▶ Import 3 classes from the java.io package
 - ▶ IOException
 - ▶ **InputStreamReader**



How to make use of BufferedReader

- ▶ Import 3 classes from the java.io package
 - ▶ IOException
 - ▶ InputStreamReader
 - ▶ **BufferedReader**



How is the input taken



How is the input taken

- ▶ Input will be taken in the form of String.



How is the input taken

- ▶ Input will be taken in the form of String.
- ▶ It has to be typecasted to the desired datatype.



Syntax



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Syntax

```
▶ InputStreamReader isr=new  
  InputStreamReader(System.in);  
  BufferedReader br= new  
  BufferedReader(isr);
```



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Summary



Summary

- ▶ About InputStreamReader
- ▶ About BufferedReader
- ▶ Converting from String to desired datatype



Assignment



Assignment

- ▶ Take a float, byte and character input from the user
- ▶ Display the output



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
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- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to 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>

