

CE103 Algorithms and Programming I

Java Functional Console Programming-III

Author: Asst. Prof. Dr. Uğur CORUH

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2 Week-11 (Java Functional Console Programming-III)

2.0.0.1 Fall Semester, 2021-2022 Download [DOC¹](#), [SLIDE²](#), [PPTX³](#)

3 Java Functional Console Programming-III

- i. Java I/O Streams
- ii. Java I/O Streams
- iii. Java InputStream
- iv. Java OutputStream
- v. Java FileInputStream
- vi. Java FileOutputStream
- vii. Java ByteArrayInputStream
- viii. Java ByteArrayOutputStream
- ix. Java ObjectInputStream
- x. Java ObjectOutputStream
- xi. Java BufferedInputStream
- xii. Java BufferedOutputStream
- xiii. Java PrintStream

- j. Java Reader/Writer
- k. Java Reader

¹[ce103-week-11-java-III.en.md_doc.pdf](#)

²[ce103-week-11-java-III.en.md_slide.pdf](#)

³[ce103-week-11-java-III.en.md_slide.pptx](#)

- ii. Java Writer
- iii. Java InputStreamReader
- iv. Java OutputStreamWriter
- v. Java FileReader
- vi. Java FileWriter
- vii. Java BufferedReader
- viii. Java BufferedWriter
- ix. Java StringReader
- x. Java StringWriter
- xi. Java PrintWriter

- k. Additional Topics
 - l. Java Scanner Class

 - ii. Java Type Casting
 - iii. Java autoboxing and unboxing
 - iv. Java Lambda Expression
 - v. Java Generics
 - vi. Java File Class
 - vii. Java Wrapper Class
 - viii. Java Command Line Arguments
 - ix. JNLP (Java Network Launch Protocol)

JNI

Sample JNI/C++ HelloWorld · GitHub⁴

Set up JNI development in Gradle project | IntelliJ IDEA⁵

⁴<https://gist.github.com/santa4nt/4a8fd626335e36c94356>

⁵<https://www.jetbrains.com/help/idea/setting-up-jni-development-in-gradle-project.html>