

## Writing and Reading Text Files

Writing output to a text file (Absolute Java, 6<sup>th</sup> Edition, pages 584 – 593):

1. Open the file for writing

Constructor	Throws Exceptions
PrintWriter(new FileOutputStream(String fileName))	FileNotFoundException
(For appending to a file) PrintWriter(new FileOutputStream(String fileName, true))	FileNotFoundException

2. Write to the text file

Methods	Throws Exceptions
(Same as System.out) print() println()	None

3. Close the text file

Methods	Throws Exceptions
close()	None

Reading input from a text file (Absolute Java, 6<sup>th</sup> edition, pages 593 – 603):

1. Open the file for reading

Constructor	Throws Exceptions
Scanner (FileInputStream(String fileName) )	FileNotFoundException

2. Read from the text file

Methods	Throws Exceptions
Scanner class methods, for example: next() nextDouble() nextInt() nextLine()	None

3. Other useful methods

Methods	Throws Exceptions
hasNext(); hasNextDouble(); hasNextInt(); hasNextLine();	None

4. Close the text file

Methods	Throws Exceptions
close()	None